

Google Flights Date Picker

Mr Murphy[®] · @fehler

Pattern Library Example Files · 2018–[...]

“Google Flights’ date picker is a lovely example of **a delightful interaction pattern** for selecting flight dates. Despite the complexity of the information presented, **the user interface is clear**, chunked into a series of easily parsable steps.”

www.google.com/flights?lite=0#flt=/m/01163./m/05ywg.2019-10-17*/m/05ywg

Google

Round trip 1 passenger Economy




Belfast ↔ Prague Thu, 17 Oct Sun, 20 Oct


Bags Stops Airlines Price Times Connecting airports More

Track prices Date grid Price graph Nearby airports

Best departing flights

Total price includes taxes + fees for 1 adult. [Additional bag fees](#) and other fees may apply. Sort by: ↑↓

	17:15 – 22:30 KLM · Operated by KLM Cityhopper	4 h 15 m BHD–PRG	1 stop 1 h 15 m AMS	£230 round trip	▼
	06:45 – 13:00 British Airways	5 h 15 m BHD–PRG	1 stop 1 h 40 m LHR	£244 round trip	▼
	13:10 – 20:05 Aer Lingus, British Airways	5 h 55 m BHD–PRG	1 stop 2 h 30 m LHR	£277 round trip	▼

 Prices are currently typical for your trip. [Details](#) ▼

Other departing flights

Google Flights orchestrates a great deal of complexity in an interaction pattern that is both intuitive and easy to use.

www.google.com/flights?lite=0#flt=/m/01163./m/05ywg.2019-10-17*/m/05ywg

Google

Round trip 1 passenger Economy

Belfast

Round trip Reset Thu, 17 Oct Sun, 20 Oct

November December

M	T	W	T	F	S	S	M	T	W	T	F	S	S
				1	2	3							1
				£145	£176	£160							£151
4	5	6	7	8	9	10	2	3	4	5	6	7	8
£142	£139	£136	£174	£136	£176	£134	£139	£139	£136	£209	£196	£167	£139
11	12	13	14	15	16	17	9	10	11	12	13	14	15
£129	£127	£128	£174	£137	£171	£116	£127	£134	£138	£209	£156	£188	£139
18	19	20	21	22	23	24	16	17	18	19	20	21	22
£139	£137	£119	£155	£128	£171	£120	£139	£164	£173	£195	£107	£261	£174
25	26	27	28	29	30		23	24	25	26	27	28	29
£129	£125	£137	£216	£171	£173		£198	£237	£252	£187	£182	£244	£221
							30	31					
							£191	£164					

Best departing flights

Total price includes taxes + fees for 1 adult

- KLM** 17:15 – 22:30 KLM · Operated by KLM CityFlyer
- British Airways** 06:45 – 13:00
- Aer Lingus, British Airways** 13:10 – 20:05

Showing prices in GBP for 3 day trips from £230 round trip price **DONE**

Prices are currently typical for your trip. **Details**

Other departing flights

Clicking on the departure date opens a modal dialog with a two month calendar view.

www.google.com/flights?lite=0#flt=/m/01163./m/05ywg.2019-10-17*/m/05ywg

Google

Round trip 1 passenger Economy

Belfast

Round trip Reset Thu, 17 Oct Sun, 20 Oct

November December

M	T	W	T	F	S	S	M	T	W	T	F	S	S
				1	2	3							1
				£145	£176	£160							£151
4	5	6	7	8	9	10	2	3	4	5	6	7	8
£142	£139	£136	£174	£136	£176	£134	£139	£139	£136	£209	£196	£167	£139
11	12	13	14	15	16	17	9	10	11	12	13	14	15
£129	£129	£129	£129	£137	£171	£116	£127	£134	£138	£209	£156	£188	£139
18	19	20	21	22	23	24	16	17	18	19	20	21	22
£139	£137	£119	£155	£128	£171	£120	£139	£164	£173	£195	£107	£261	£174
25	26	27	28	29	30		23	24	25	26	27	28	29
£129	£125	£137	£216	£171	£173		£198	£237	£252	£187	£182	£244	£221
							30	31					
							£191	£164					

Best departing flights

Total price includes taxes + fees for 1 adult

- KLM** 17:15 – 22:30 KLM · Operated by KLM CityFlyer £129
- British Airways** 06:45 – 13:00 £125
- Aer Lingus, British Airways** 13:10 – 20:05 £129

Showing prices in GBP for 3 day trips from £230 round trip price

Prices are currently typical for your trip. Details

Other departing flights

Hovering over dates reveals pricing information at a glance in a popover.

Round trip ▾ 1 passenger ▾ Economy ▾

Belfast

Round trip ▾

Reset



Thu, 17 Oct



Sun, 20 Oct



November

M	T	W	T	F	S	S
				1 £145	2 £176	3 £160
4 £142	5 £139	6 £136	7 £174	8 £136	9 £176	10 £134
11 £129	12 £137	13 £134	14 £174	15 £137	16 £171	17 £116
18 £139	19 £137	20 £119	21 £155	22 £128	23 £171	24 £120
25 £129	26 £125	27 £137	28 £216	29 £171	30 £173	

December

M	T	W	T	F	S	S
						1 £151
2 £139	3 £139	4 £136	5 £209	6 £196	7 £167	8 £139
9 £127	10 £134	11 £138	12 £209	13 £156	14 £188	15 £139
16 £139	17 £164	18 £173	19 £195	20 £107	21 £261	22 £174
23 £198	24 £237	25 £252	26 £187	27 £182	28 £244	29 £221
30 £191	31 £164					

3-day round trip
Total price £119

Track prices

Best departing flights

17:15 – 22:30
KLM · Operated by KLM CityFlyer

06:45 – 13:00
British Airways

13:10 – 20:05
Aer Lingus, British Airways

Showing prices in GBP for 3 day trips

from £230
round trip price

DONE

In addition to offering an indication of a total price for a three day round trip (£119, in blue), other prices are indicated (in grey).

Round trip ▾ 1 passenger ▾ Economy ▾

Belfast

Round trip ▾

Reset



Wed, 20 Nov



Return date

November

M	T	W	T	F	S	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20 £105	21 £119	22 £125	23 £119	24 £144
25 £130	26 £105	27 £109	28 £123	29 £125	30 £127	

December

M	T	W	T	F	S	S
						1 £166
2 £146	3 £113	4 £110	5 £118	6 £128	7 £126	8 £165
9 £138	10 £105	11 £105	12 £118	13 £121	14 £130	15 £166
16 £128	17 £115	18 £139	19 £139	20	21	22
23	24	25	26	27	28	29
30	31					

Track prices ⓘ

Best departing flights ⓘ

Price includes taxes + fees for 1 adult

17:15 – 22:30
KLM · Operated by KLM CityFlyer

06:45 – 13:00
British Airways

13:10 – 20:05
Aer Lingus, British Airways

Total prices in GBP for trips departing on 20 Nov

DONE

Selecting your departure date locks in that date and moves the focus of the user interface onto the return date.

Round trip ▾ 1 passenger ▾ Economy ▾

Belfast

Round trip ▾

Reset



Wed, 20 Nov



Return date

November

December

M	T	W	T	F	S	S	M	T	W	T	F	S	S
				1	2	3							1 £166
4	5	6	7	8	9	10	2 £146	3 £113	4 £110	5 £118	6 £128	7 £126	8 £165
11	12	13	14	15	16	17	9 £138	10 £105	11 £105	12 £118	13 £121	14 £130	15 £166
18	19	20 £105	21 £119	22 £125	23 £119	24 £144	16 £128	17 £115	18 £139	19 £139	20	21	22
25 £130	26 £105	27 £109	28 £123	29 £125	30 £127		23	24	25	26	27	28	29
							30	31					

Return for total price £144

Track prices ⓘ

Best departing flights ⓘ

Total price includes taxes + fees for 1 adult

17:15 – 22:30
KLM · Operated by KLM CityFlyer

06:45 – 13:00
British Airways

13:10 – 20:05
Aer Lingus, British Airways

Total prices in GBP for trips departing on 20 Nov

DONE

Select a return date, and the user interface once again provides the total cost in a popover. Again, adjacent days' prices are in grey.

Track prices

Best departing flights

Total price includes taxes + fees for 1 adult



17:15 – 22:30

KLM · Operated by KLM CityFlyer



06:45 – 13:00

British Airways



13:10 – 20:05

Aer Lingus, British Airways

Total prices in GBP for trips departing on 20 Nov

DONE



Prices are currently typical for your trip.

[Details](#)

Other departing flights

M	T	W	T	F	S	S	M	T	W	T	F	S	S
				1	2	3							1
													£166
4	5	6	7	8	9	10	2	3	4	5	6	7	8
							£146	£113	£110	£118	£128	£126	£165
11	12	13	14	15	16	17	9	10	11	12	13	14	15
							£138	£105	£105	£118	£121	£130	£166
18	19	20	21	22	23	24	16	17	18	19	20	21	22
		£105	£119	£125	£119	£144	£128	£115	£139	£139			
25	26	27	28	29	30		23	24	25	26	27	28	29
£130	£105	£109	£123	£125	£127								
							30	31					

Return for total price £144

A colour coding system (at the bottom left) provides an at a glance look at the relative cost of flights: green is low, red is high.

Round trip ▾ 1 passenger ▾ Economy ▾

Belfast

Round trip ▾

Reset



Wed, 20 Nov



Sun, 24 Nov



November

December


M	T	W	T	F	S	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

M	T	W	T	F	S	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

Track prices ⓘ

Best departing flights ⓘ

Price includes taxes + fees for 1 adult

 17:15 – 22:30
KLM · Operated by KLM CityFlyer

 06:45 – 13:00
British Airways

 13:10 – 20:05
Aer Lingus, British Airways

DONE

With a return date selected, the 'DONE' call to action button, previously greyed out, highlights in blue, prompting the user to continue.

www.google.com/flights?lite=0#flt=/m/01163./m/05ywg.2019-11-20*/m/05ywg

Google

Round trip 1 passenger Economy

Belfast ↔ Prague

Wed, 20 Nov Sun, 24 Nov

Bags Stops Airlines Price Times Connecting airports More

Track prices Date grid Price graph Nearby airports

Best departing flights

Total price includes taxes + fees for 1 adult. [Additional bag fees](#) and other fees may apply. Sort by:

	14:35 – 20:55 easyJet	5 h 20 m BFS-PRG	1 stop 2 h 0 m LGW	£154 round trip	
	13:30 – 22:15 KLM · Operated by KLM Cityhopper	7 h 45 m BHD-PRG	1 stop 4 h 45 m AMS	£184 round trip	
	15:10 – 22:35 British Airways	6 h 25 m BHD-PRG	1 stop 3 h 0 m LHR	£200 round trip	

Prices are currently **low** – £47 cheaper than usual for your dates. [Details](#)

Other departing flights

With an outbound and return date confirmed, Google searches for flights that meet these criteria, presenting a list of choices.

Round trip ▾ 1 passenger ▾ Economy ▾

○ Belfast



Prague



Wed, 20 Nov



Sun, 24 Nov



Bags ▾

Stops ▾

Airlines ▾

Price ▾

Times ▾

Connecting airports ▾

More ▾

Track prices ⓘ



Date grid



Price graph



Nearby airports

Best departing flights ⓘ

Total price

20:55 on Wed, 20 Nov 2019

Additional bag fees and other fees may apply.

Sort by:



14:35 – 20:55

easyJet

5 h 20 m

BFS-PRG

1 stop

2 h 0 m LGW

£154

round trip



13:30 – 22:15

KLM · Operated by KLM Cityhopper

7 h 45 m

BHD-PRG

1 stop

4 h 45 m AMS

£184

round trip



15:10 – 22:35

British Airways

6 h 25 m

BHD-PRG

1 stop

3 h 0 m LHR

£200

round trip

Hovering over a flight time (departure or arrival) reveals additional information in a popover, putting the user's mind at ease.

www.google.com/flights?lite=0#flt=/m/01I63./m/05ywg.2019-11-20.BFSLGW0

Google

Trips

Explore

Flights

Hotels

Holidays

Round trip 1 passenger Economy

Belfast ↔ Prague

Wed, 20 Nov Sun, 24 Nov

Bags Stops Airlines Price Times Connecting airports More

BFS-PRG > Choose return to Belfast

Returning flights

Total price includes taxes + fees for 1 adult. [Additional bag fees](#) and other fees may apply. Sort by: ↑↓

	21:35 – 07:55 ⁺¹ easyJet	11 h 20 m PRG-BFS	1 stop 7 h 45 m LGW	£154 round trip	▼
	11:50 – 22:15 easyJet	11 h 25 m PRG-BFS	1 stop 7 h 50 m LGW	£174 round trip	▼
	11:50 – 17:40 easyJet	6 h 50 m PRG-BFS	1 stop 3 h 10 m LGW	£185 round trip	▼
▼	2 longer or more expensive flights				

[Ads](#) | [Opodo](#) | [ebookers](#) | [CheapOair](#) | [Expedia](#) | [lastminute.com](#)

Google Flights | Language · English | Country · United Kingdom | Currency · GBP

With a departing flight selected, the user interface progresses, offering a selection of returning flights.

www.google.com/flights?lite=0#flt=/m/01163./m/05ywg.2019-11-20.BFSLGW0



Google

Round trip · 1 · Economy

Belfast ↔ Prague


Total price from **£185**

Selected flights Track prices

	Wed, 20 Nov · 14:35 – 20:55 easyJet	5 h 20 m BFS-PRG	1 stop 2 h 0 m LGW	▼
	Sun, 24 Nov · 11:50 – 17:40 easyJet	6 h 50 m PRG-BFS	1 stop 3 h 10 m LGW	▼

Booking options

[Ads](#) Google may be compensated by some of these providers.

	Book with worldwide by easyJet U2 836, U2 8997, U2 8994, U2 837	£185	Select
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Total price includes taxes + fees for 1 adult. [Additional bag fees](#) and other fees may apply.

Google Flights Language · English Country · United Kingdom Currency · GBP

Find the cheapest and best flight for you.

With departure and return flights selected, a summary of the flight details is presented to the user.

[Share](#)

Round trip · 1 · Economy



Belfast ↔ Prague

Total price from

£185

Selected flights

[Track prices](#)

	Wed, 20 Nov · 14:35 – 20:55 easyJet	5 h 20 m BFS-PRG	1 stop 2 h 0 m LGW	▼
	Sun, 24 Nov · 11:50 – 17:40 easyJet	6 h 50 m PRG-BFS	1 stop 3 h 10 m LGW	▼

Booking options

[Ads](#) Google may be compensated by some of these providers.

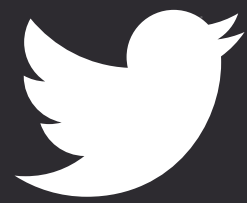
	Book with worldwide by easyJet U2 836, U2 8997, U2 8994, U2 837	£185	Select
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Total price includes taxes + fees for 1 adult. [Additional bag fees](#) and other fees may apply.

The information architecture – despite its complexity – is clear. Clicking ‘Select’ takes the user to the airline’s booking page.

“If you found this deck useful, follow me on Twitter: **@fehler**. I’m in the process of breaking down 15+ years of workshop content into small, easily consumable components. I’ll be tweeting as I’ve finished and shared these components. Cheers!”

—Christopher Murphy, [@fehler](#)



@fehler