The Family of *Information Functions*

These `info_*()` functions present us with **gt** tables containing useful information. So far, we can get reference information on date styles (`info_date_style()`), on time styles (`info_time_style()`), on a huge number of color palettes (`info_paletteer()`), and, on currencies (`info_currencies()`).

`info_date_style()` : View a table with info on date styles

The `fmt_date()` function lets us format date-based values in a convenient manner using preset styles. The table generated by the `info_date_style()` function provides a quick reference to all 14 styles, with associated number codes, the format names, and example outputs using a fixed date (`2000-02-29`).

EXAMPLE

Get a table of info on the different date-formatting styles (which are used by supplying a number code to the `fmt_date()` function).

```
info_date_style()
```

Preset Date Formats

Usable in the `fmt_date()` and `fmt_datetime()` functions

	Date Formats	
Number	Name	Formatted Date
1	iso	2000-02-29
2	wday_month_day_year	Tuesday, February 29, 2000
3	wd_m_day_year	Tue, Feb 29, 2000
4	wday_day_month_year	Tuesday 29 February 2000
5	month_day_year	February 29, 2000
6	m_day_year	Feb 29, 2000
7	day_m_year	29 Feb 2000
8	day_month_year	29 February 2000
9	day_month	29 February
10	year	2000
11	month	February
12	day	29
13	year.mn.day	2000/02/29

Preset Date Formats

Usable in the `fmt_date()` and `fmt_datetime()` functions

14	y.mn.day	00/02/29

`info_time_style()`: View a table with info on time styles

The `fmt_time()` function lets us format time-based values in a convenient manner using preset styles. The table generated by the `info_time_style()` function provides a quick reference to all five styles, with associated number codes, the format names, and example outputs using a fixed time (`14:35`).

EXAMPLE

Get a table of info on the different time-formatting styles (which are used by supplying a number code to the `fmt_time()` function).

```
info_time_style()
```

Preset Time Formats

Usable in the `fmt_time()` and `fmt_datetime()` functions

Time Formats		
Number	Name	Formatted Time
1	hms	14:35:00
2	hm	14:35
3	hms_p	2:35:00 PM
4	hm_p	2:35 PM
5	h_p	2 PM

`info_currencies()`: View a table with info on supported currencies

The `fmt_currency()` function lets us format numeric values as currencies. The table generated by the `info_currencies()` function provides a quick reference to all the available currencies. The currency identifiers are provided (name, 3-letter currency code, and 3-digit currency code) along with the each currency's exponent value (number of digits of the currency subunits). A formatted example is provided (based on the value of `49.95`) to demonstrate the default formatting of each currency.

EXAMPLES

Get a table of info on all of the currencies where the three-letter code begins with a "h".

```
info_currencies(begins_with = "h")
```

Currencies Supported in **gt**

Currency codes are used in the `fmt_currency()` function

| Currency Name | Identifiers | | | |
	Currency Code	Currency Number	Exp	Formatted Currency
Hong Kong dollar	HKD	344	2	HK$49.95
Honduran lempira	HNL	340	2	L49.95
Croatian kuna	HRK	191	2	kn49.95
Haitian gourde	HTG	332	2	G49.95
Hungarian forint	HUF	348	2	Ft49.95

Get a table of info on all of the common currency name/symbols that can be used with `fmt_currency()`.

```
info_currencies(type = "symbol")
```

Currencies Supported in **gt**

Currency symbols are used in the `fmt_currency()` function

Currency Symbol	Formatted Currency
dollar	$49.95
euro	€49.95
pound	£49.95
yen	¥49.95
franc	₣49.95
lira	₤49.95
peseta	Pts49.95
won	₩49.95
sheqel	₪49.95
dong	₫49.95
kip	₭49.95
tugrik	₮49.95

Currencies Supported in **gt**

Currency symbols are used in the `fmt_currency()` function

drachma	₯49.95
peso	₱49.95
guarani	₲49.95
austral	₳49.95
hryvnia	₴49.95
cedi	₵49.95
rupee	₹49.95
generic	¤49.95

`info_locales()`: View a table with info on supported locales

Many of the `fmt_*()` functions have a locale argument that makes locale-based formatting easier. The table generated by the `info_locales()` function provides a quick reference to all the available locales. The locale identifiers are provided (base locale ID, common display name) along with the each locale's group and decimal separator marks. A formatted numeric example is provided (based on the value of `11027`) to demonstrate the default formatting of each locale.

EXAMPLE

Get a table of info on all of the locales where the base locale ID begins with a "v".

```
info_locales(begins_with = "v")
```

Locales Supported in **gt**

Locale codes are used in several `fmt_*()` functions

	Separators		Formatted
Locale	Group	Decimal	Value
`vai_Latn_LR` Vai (Latin, Liberia)	,	.	11,027.00
`vai_Latn` Vai (Latin)	,	.	11,027.00
`vai_Vaii_LR` Vai (Vai, Liberia)	,	.	11,027.00
`vai_Vaii` Vai (Vai)	,	.	11,027.00

Locales Supported in **gt**

Locale codes are used in several `fmt_*()` functions

vai Vai	**,**	**.**	11,027.00
vi_VN Vietnamese (Vietnam)	**.**	**,**	11.027,00
vi Vietnamese	**.**	**,**	11.027,00
vun_TZ Vunjo (Tanzania)	**,**	**.**	11,027.00
vun Vunjo	**,**	**.**	11,027.00

`info_paletteer()` : View a table with info on color palettes

While the `data_color()` function allows us to flexibly color data cells in our **gt** table, the harder part of this process is discovering and choosing color palettes that are suitable for the table output. We can make this process much easier in two ways: (1) by using the **paletteer** package, which makes a wide range of palettes from various R packages readily available, and (2) calling the `info_paletteer()` function to give us an information table that serves as a quick reference for all of the discrete color palettes available in paletteer.

EXAMPLE

Get a table of info on just the `ggthemes` color palette (easily accessible from the **paletteer** pkg).

```
info_paletteer(color_pkgs = "ggthemes")
```

Palettes Made Easily Available with **paletteer**

Palettes like these are useful with the `data_color()` function

Package and Palette Name	Color Count and Palette
ggthemes	
calc	12
manyeys	19
gdoc	10

The **paletteer** package is maintained by Emil Hvitfeldt. More information can be found on the **paletteer** site (https://emilhvitfeldt.github.io/paletteer/) and on the **CRAN** info page (https://cran.r-project.org/web/packages/paletteer/index.html).

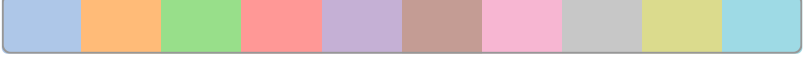# Palettes Made Easily Available with **paletteer**
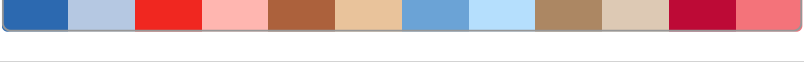
Palettes like these are useful with the `data_color()` function

fivethirtyeight	6	
colorblind	8	
Tableau_10	10	
Tableau_20	20	
Color_Blind	10	
Seattle_Grays	5	
Traffic	9	
Miller_Stone	11	
Superfishel_Stone	10	
Nuriel_Stone	9	
Jewel_Bright	9	
Summer	8	
Winter	10	
Green_Orange_Teal	12	
Red_Blue_Brown	12	
Purple_Pink_Gray	12	

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Palettes Made Easily Available with **paletteer**

Palettes like these are useful with the `data_color()` function

Hue_Circle	19	
Classic_10	10	
Classic_10_Medium	10	
Classic_10_Light	10	
Classic_20	20	
Classic_Gray_5	5	
Classic_Color_Blind	10	
Classic_Traffic_Light	9	
Classic_Purple_Gray_6	6	
Classic_Purple_Gray_12	12	
Classic_Green_Orange_6	6	
Classic_Green_Orange_12	12	
Classic_Blue_Red_6	6	
Classic_Blue_Red_12	12	
Classic_Cyclic	13	
few_Light	9	

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Palettes Made Easily Available with **paletteer**

Palettes like these are useful with the `data_color()` function

few_Medium	9	
few_Dark	9	
excel_Atlas	6	
excel_Badge	6	
excel_Berlin	6	
excel_Celestial	6	
excel_Crop	6	
excel_Depth	6	
excel_Droplet	6	
excel_Facet	6	
excel_Feathered	6	
excel_Gallery	6	
excel_Headlines	6	
excel_Integral	6	
excel_Ion_Boardroom	6	
excel_Ion	6	

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Palettes Made Easily Available with **paletteer**

Palettes like these are useful with the `data_color()` function

excel_Madison	6	
excel_Main_Event	6	
excel_Mesh	6	
excel_Office_Theme	6	
excel_Organic	6	
excel_Parallax	6	
excel_Parcel	6	
excel_Retrospect	6	
excel_Savon	6	
excel_Slice	6	
excel_Vapor_Trail	6	
excel_View	6	
excel_Wisp	6	
excel_Wood_Type	6	
excel_Aspect	6	
excel_Blue_Green	6	

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Palettes Made Easily Available with **paletteer**
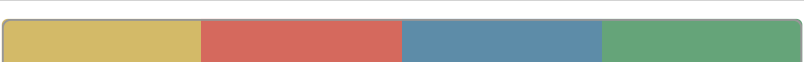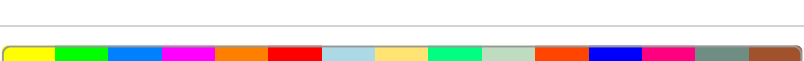
Palettes like these are useful with the `data_color()` function

excel_Blue_II	6	
excel_Blue_Warm	6	
excel_Blue	6	
excel_Grayscale	6	
excel_Green_Yellow	6	
excel_Green	6	
excel_Marquee	6	
excel_Median	6	
excel_Office_2007_2010	6	
excel_Orange_Red	6	
excel_Orange	6	
excel_Paper	6	
excel_Red_Orange	6	
excel_Red_Violet	6	
excel_Red	6	
excel_Slipstream	6	

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Palettes Made Easily Available with **paletteer**

Palettes like these are useful with the `data_color()` function

excel_Violet_II	6	
excel_Violet	6	
excel_Yellow_Orange	6	
excel_Yellow	6	
wsj_rgby	4	
wsj_red_green	2	
wsj_black_green	4	
wsj_dem_rep	3	
wsj_colors6	6	
stata_s2color	15	
stata_s1rcolor	15	
stata_s1color	15	
stata_mono	15	
stata_economist	15	
hc_default	10	
hc_darkunica	11	

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Palettes Made Easily Available with **paletteer**

Palettes like these are useful with the `data_color()` function

hc_bg	5	
hc_fg	12	

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`info_google_fonts()`: View a table on recommended Google Fonts

The `google_font()` helper function can be used wherever a font name should be specified. There are two instances where this helper can be used: the `name` argument in `opt_table_font()` (for setting a table font) and in that of `cell_text()` (used with `tab_style()`). Because there is an overwhelming number of fonts available in the *Google Fonts* catalog, the `info_google_fonts()` provides a table with a set of helpful font recommendations. These fonts look great in the different parts of a **gt** table. Why? For the most part they are suitable for body text, having large counters, large x-height, reasonably low contrast, and open apertures. These font features all make for high legibility at smaller sizes.

EXAMPLE

Get a table of info on some of the recommended *Google Fonts* for tables.

```
info_google_fonts()
```

Recommended *Google Fonts* for **gt**

Fonts like these can be accessed using the `google_font()` function.

Monospace

Anonymous Pro	n 400-700 i 400-700	AaBbCcDdEeFfGgHhIiJjKkLlMm
Fira Code	n 300	AaBbCcDdEeFfGgHhIiJjKkLlMm
IBM Plex Mono	n 100-700 i 100-700	AaBbCcDdEeFfGgHhIiJjKkLlMm

Recommended *Google Fonts* for gt

Fonts like these can be accessed using the `google_font()` function.

Inconsolata	n 400	AaBbCcDdEeFfGgHhIiJjKkLlMm
Space Mono	n 400-700 i 400-700	AaBbCcDdEeFfGgHhIiJjKkLlMm

Sans Serif

Archivo Narrow	n 400 i 400	AaBbCcDdEeFfGgHhIiJjKkLlMm
Cabin	n 400 i 400	AaBbCcDdEeFfGgHhIiJjKkLlMm
Chivo	n 300-900 i 300-900	AaBbCcDdEeFfGgHhIiJjKkLlMm
Encode Sans	n 400	AaBbCcDdEeFfGgHhIiJjKkLlMm
Exo 2	n 400 i 400	AaBbCcDdEeFfGgHhIiJjKkLlMm
Fira Sans	n 100-900 i 100-900	AaBbCcDdEeFfGgHhIiJjKkLlMm
IBM Plex Sans	n 100-700 i 100-700	AaBbCcDdEeFfGgHhIiJjKkLlMm
Inter	n 400	AaBbCcDdEeFfGgHhIiJjKkLlMm
Karla	n 400 i 400	AaBbCcDdEeFfGgHhIiJjKkLlMm
Lato	n 100-900 i 100-900	AaBbCcDdEeFfGgHhIiJjKkLlMm
Libre Franklin	n 400 i 400	AaBbCcDdEeFfGgHhIiJjKkLlMm
Montserrat	n 100-900 i 100-900	AaBbCcDdEeFfGgHhIiJjKkLlMm
Mulish	n 400 i 400	AaBbCcDdEeFfGgHhIiJjKkLlMm
Open Sans	n 300-800 i 300-800	AaBbCcDdEeFfGgHhIiJjKkLlMm
Poppins	n 100-900 i 100-900	AaBbCcDdEeFfGgHhIiJjKkLlMm
Proza Libre	n 400-800 i 400-800	AaBbCcDdEeFfGgHhIiJjKkLlMm

Recommended *Google Fonts for gt*

Fonts like these can be accessed using the `google_font()` function.

PT Sans	n 400-700 i 400-700	AaBbCcDdEeFfGgHhIiJjKkLlMm
Public Sans	n 400 i 400	AaBbCcDdEeFfGgHhIiJjKkLlMm
Raleway	n 400 i 400	AaBbCcDdEeFfGgHhIiJjKkLlMm
Roboto	n 400 i 400	AaBbCcDdEeFfGgHhIiJjKkLlMm
Rubik	n 400 i 400	AaBbCcDdEeFfGgHhIiJjKkLlMm
Source Sans Pro	n 200-900 i 200-900	AaBbCcDdEeFfGgHhIiJjKkLlMm
Work Sans	n 400 i 400	AaBbCcDdEeFfGgHhIiJjKkLlMm

Serif

Bio Rhyme	n 200-800	AaBbCcDdEeFfGgHhIiJjKkLlMm
Cardo	n 400-700 i 400	AaBbCcDdEeFfGgHhIiJjKkLlMm
Crimson Text	n 400-700 i 400-700	AaBbCcDdEeFfGgHhIiJjKkLlMm
Libre Baskerville	n 400-700 i 400	AaBbCcDdEeFfGgHhIiJjKkLlMm
Lora	n 400 i 400	AaBbCcDdEeFfGgHhIiJjKkLlMm
Merriweather	n 300-900 i 300-900	AaBbCcDdEeFfGgHhIiJjKkLlMm
Playfair Display	n 400 i 400	AaBbCcDdEeFfGgHhIiJjKkLlMm
PT Serif	n 400-700 i 400-700	AaBbCcDdEeFfGgHhIiJjKkLlMm
Source Serif Pro	n 200-900 i 200-900	AaBbCcDdEeFfGgHhIiJjKkLlMm
Spectral	n 200-800 i 200-800	AaBbCcDdEeFfGgHhIiJjKkLlMm

Recommended Google Fonts for gt

Fonts like these can be accessed using the google_font() function

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