

Converting Colors

CIELCh(68, 52.820, 28.299)

Have a look what the booklet for
CIELCh(68, 52.820, 28.299) contains.

CIELCh(68, 52.940, 28.409)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(68, 52.940, 28.409)

Conversions

Conversions Part 1

Format	Color
Hex	FD817B
RGB	253, 129, 123
RGB Percent	99%, 51%, 48%
CMY	0.0082, 0.4944, 0.5179
CMYK	0.00, 0.49, 0.51, 0.01
HSL	3°, 97%, 74%
HSV	3°, 51%, 99%
XYZ	51.8837, 37.9720, 23.3081
YIQ	165.3920, 75.8300, 24.4220

Conversions

Conversions Part 2

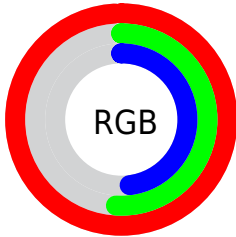
Format	Color
R _Y B	253, 129, 123
Decimal	16613755
CIE Lab	68.00, 46.56, 25.19
CIE LCh	68, 52.940, 28.409
Yxy	37.9720, 0.4585, 0.3355
Android (android.graphics.Color)	4294803835 (0xFFFD817B)
YUV	165.3920, -20.8993, 76.8322
Hunter-Lab	61.6215, 42.4548, 20.7088

Details

The CIELCh color **68, 52.940, 28.409** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 35.666, 202.281**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 28.487, 30.051**, and **48, 52.950, 28.679** is the 20% darker color. If you saturate the color by 10%, you get **63, 65.034, 30.511**, and if you desaturate by 10%, it is **73, 41.216, 26.794**.

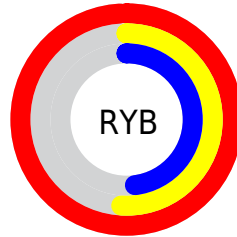
Distribution



Red (99%)

Green (51%)

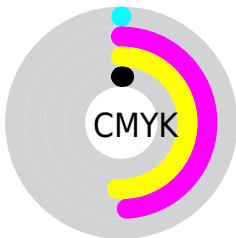
Blue (48%)



Red (99%)

Yellow (51%)

Blue (48%)

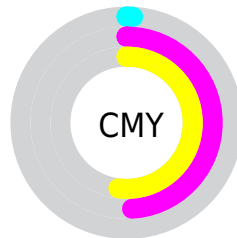


Cyan (0%)

Magenta (49%)

Yellow (51%)

Black (1%)



Cyan (1%)

Magenta (49%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 52.940, 28.409 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 68, 52.940, 28.409 by changing the saturation by 10% instead.

68, 52.940, 28.409

68, 52.940, 28.409

100, 52.940,
28.409

58, 52.940, 28.409

88, 52.940, 28.409

48, 52.940, 28.409

98, 52.940, 28.409

38, 52.940, 28.409

28, 52.940, 28.409

18, 52.940, 28.409

8, 52.940, 28.409

0, 52.940, 28.409

68, 52.940, 28.409

68, 52.940, 28.409

63, 65.034, 30.511

73, 41.216, 26.794

■ 59, 77.135, 33.122

■ 79, 30.100, 25.569

■ 56, 88.616, 36.090

■ 85, 19.708, 24.646

■ 54, 98.161, 38.808

■ 92, 10.077, 23.937

■ 53, 103.368,
40.330

■ 98, 1.185, 22.942

■ 100, 0.728,
200.270

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



68, 52.940, 28.409



91, 35.666, 202.281

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68, 52.940, 28.409



68, 52.940, 78.409



68, 52.940, 208.409



68, 52.940, 258.409

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



68, 52.937, 28.412



90, 13.552, 24.175



71, 77.304, 328.118



47, 9.326, 24.323



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68, 52.937, 28.412



63, 66.215, 30.661



82, 45.313, 72.166



50, 5.022, 23.817



40, 83.596, 40.465



10, 32.443, 29.431

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



91, 35.666, 202.281



90, 40.476, 202.382



73, 40.277, 269.051



52, 4.722, 203.152



68, 37.936, 204.024



23, 17.572, 203.049

Previews

White Background



This preview shows how the CIELCh color 68, 52.940, 28.409 looks on a white background.

Color Contrast Check

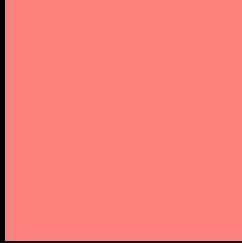
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 68, 52.940, 28.409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 52.940, 28.409

Background



This preview shows how black text looks on a background with the CIELCh color 68, 52.940, 28.409.

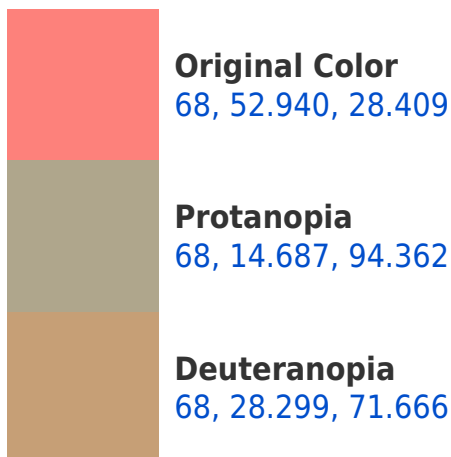


This preview shows how white text looks on a background with the CIELCh color 68, 52.940, 28.409.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

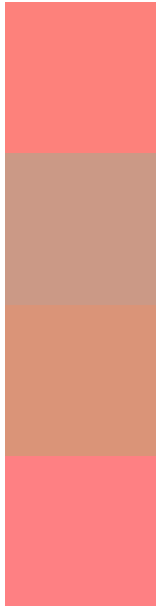
Dichromacy





Tritanopia
68, 52.238, 20.099

Trichromacy



Original Color
68, 52.940, 28.409

Protanomaly
67, 23.597, 46.974

Deuteranomaly
68, 34.436, 47.767

Tritanomaly
68, 52.444, 23.458

Monochromacy



Original Color
68, 52.940, 28.409

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 18.157, 24.525

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 52.940, 28.409 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(253, 129, 123)` looks like.

```
.text, #text, p{  
    color:rgb(253, 129, 123)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(253, 129, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 129, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 52.940, 28.409 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(253, 129, 123) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(253, 129, 123) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(253, 129, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 129, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 129, 123);  
box-shadow:4px 4px 4px 4px rgb(253, 129,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 52.940, 28.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 129, 123) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(253,  
129, 123) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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