

Converting Colors

CIELCh(68, 54.699, 25.459)

Have a look what the booklet for
CIELCh(68, 54.699, 25.459) contains.

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Color

CIELCh(68, 54.226, 25.375)

Conversions

Conversions Part 1

Format	Color
Hex	FF7F7F
RGB	255, 127, 127
RGB Percent	100%, 50%, 50%
CMY	0.0000, 0.5036, 0.5038
CMYK	0.00, 0.50, 0.50, 0.00
HSL	0°, 100%, 75%
HSV	0°, 50%, 100%
XYZ	52.8147, 37.9720, 24.4658
YIQ	165.2720, 76.2880, 27.1360

Conversions

Conversions Part 2

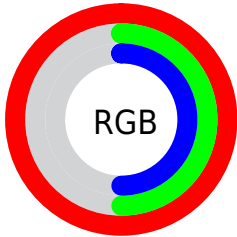
Format	Color
R _Y B	255, 127, 127
Decimal	16744319
CIE Lab	68.00, 48.99, 23.24
CIE LCh	68, 54.226, 25.375
Yxy	37.9720, 0.4583, 0.3295
Android (android.graphics.Color)	4294934399 (0xFFFF7F7F)
YUV	165.2720, -18.8681, 78.6915
Hunter-Lab	61.6215, 45.1517, 19.5949

Details

The CIELCh color **68, 54.226, 25.375** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **93, 37.156, 197.175**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 28.669, 23.853**, and **48, 53.922, 25.195** is the 20% darker color. If you saturate the color by 10%, you get **63, 66.218, 27.797**, and if you desaturate by 10%, it is **74, 41.938, 23.461**.

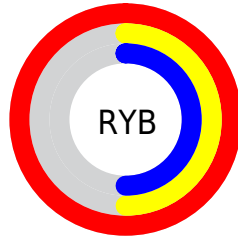
Distribution



Red (100%)

Green (50%)

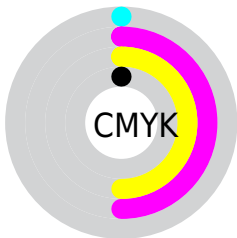
Blue (50%)



Red (100%)

Yellow (50%)

Blue (50%)

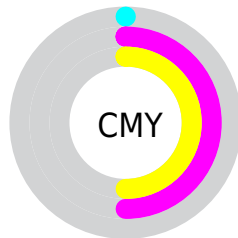


Cyan (0%)

Magenta (50%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (50%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 54.226, 25.375 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, 54.226, 25.375 by changing the saturation by 10% instead.

 68, 54.226, 25.375

 68, 54.226, 25.375

 100, 54.226,
25.375

 58, 54.226, 25.375

 88, 54.226, 25.375

 48, 54.226, 25.375

 98, 54.226, 25.375

 38, 54.226, 25.375

 28, 54.226, 25.375

 18, 54.226, 25.375

 8, 54.226, 25.375

 0, 54.226, 25.375

 68, 54.226, 25.375

 68, 54.226, 25.375

 63, 66.218, 27.797

 74, 41.938, 23.461

■ 59, 78.313, 30.864

■ 80, 30.450, 22.019

■ 56, 89.642, 34.418

■ 86, 19.656, 20.913

■ 54, 99.025, 37.835

■ 93, 9.621, 20.040

■ 53, 104.572,
40.002

100, 0.338, 17.502

100, 0.012,
296.813

Harmonies

Complementary

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



68, 54.226, 25.375



93, 37.156, 197.175

Rectangle

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



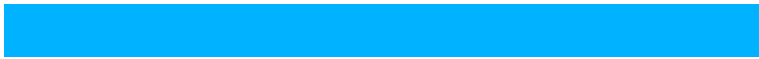
68, 54.226, 25.375



68, 54.226, 75.375



68, 54.226, 205.375



68, 54.226, 255.375

Sweetspot

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



68, 53.956, 25.350



90, 14.164, 20.422



72, 78.180, 327.079



46, 9.745, 20.608



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, 53.956, 25.350



63, 65.755, 27.693



82, 44.164, 69.037



49, 5.252, 19.970



40, 84.225, 40.003



10, 33.360, 27.192

Inverse Universe

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



93, 37.156, 197.175



92, 41.728, 196.908



75, 38.083, 265.178



52, 4.944, 198.992



70, 40.346, 196.437



24, 18.562, 196.431

Previews

White Background



This preview shows how the CIELCh color 68, 54.226, 25.375 looks on a white background.

Color Contrast Check

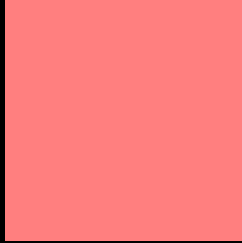
Large Text (above 18pt) WCAG AA × Fail

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, 54.226, 25.375 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, 54.226, 25.375

Background



This preview shows how black text looks on a background with the CIELCh color 68, 54.226, 25.375.

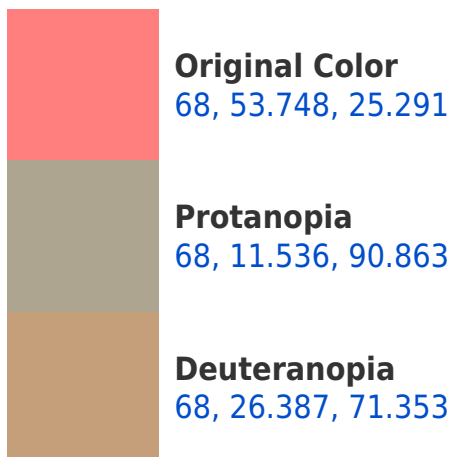


This preview shows how white text looks on a background with the CIELCh color 68, 54.226, 25.375.

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, 53.202, 20.890

Trichromacy



Original Color
68, 53.748, 25.291



Protanomaly
67, 22.869, 39.248



Deuteranomaly
67, 33.260, 44.792



Tritanomaly
68, 53.542, 22.594

Monochromacy



Original Color
68, 53.748, 25.291



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 18.872, 21.192

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 54.226, 25.375 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(255, 127, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 127, 127)  
}
```

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(255, 127, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 127, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 54.226, 25.375 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(255, 127, 127) }
```

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

```
.border{ border-color:rgb(255, 127, 127) }
```

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

Here you see how a box with a 4 pixel rgb(255, 127, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 127, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 127, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 127,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 54.226, 25.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 127, 127) }
```

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

```
.background{ background-color: rgb(255,  
127, 127) }
```

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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