

Converting Colors

CIELCh(69, 54.803, 30.796)

Have a look what the booklet for
CIELCh(69, 54.803, 30.796) contains.

CIELCh(69, 53.748, 31.039)	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(69, 53.748, 31.039)

Conversions

Conversions Part 1

Format	Color
Hex	FF8479
RGB	255, 132, 121
RGB Percent	100%, 52%, 47%
CMY	0.0000, 0.4824, 0.5258
CMYK	0.00, 0.48, 0.53, 0.00
HSL	5°, 100%, 74%
HSV	5°, 53%, 100%
XYZ	53.3438, 39.3444, 22.8422
YIQ	167.5230, 76.8390, 22.6550

Conversions

Conversions Part 2

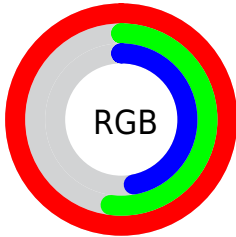
Format	Color
R_{YB}	255, 133, 121
Decimal	16745593
CIE _{Lab}	69.00, 46.05, 27.71
CIE _{LCh}	69, 53.748, 31.039
Yxy	39.3444, 0.4617, 0.3406
Android (android.graphics.Color)	4294935673 (0xFFFF8479)
YUV	167.5230, -22.9358, 76.7173
Hunter-Lab	62.7251, 42.0342, 22.3163

Details

The CIELCh color **69, 53.748, 31.039** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **90, 35.233, 206.778**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 28.219, 36.418**, and **49, 53.385, 31.260** is the 20% darker color. If you saturate the color by 10%, you get **64, 65.386, 32.879**, and if you desaturate by 10%, it is **74, 41.628, 29.651**.

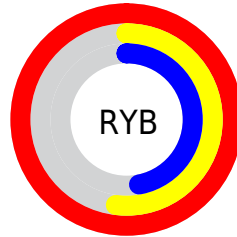
Distribution



Red (100%)

Green (52%)

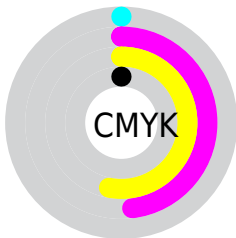
Blue (47%)



Red (100%)

Yellow (52%)

Blue (47%)

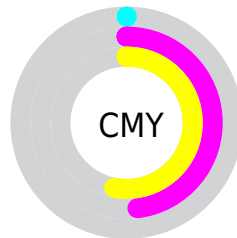


Cyan (0%)

Magenta (48%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 53.748, 31.039 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 69, 53.748, 31.039 by changing the saturation by 10% instead.

69, 53.748, 31.039

69, 53.748, 31.039

100, 53.748,
31.039

59, 53.748, 31.039

89, 53.748, 31.039

49, 53.748, 31.039

99, 53.748, 31.039

39, 53.748, 31.039

29, 53.748, 31.039

19, 53.748, 31.039

9, 53.748, 31.039

0, 53.748, 31.039

69, 53.748, 31.039

69, 53.748, 31.039

64, 65.386, 32.879

74, 41.628, 29.651

60, 77.582, 35.133

80, 30.627, 28.604

57, 89.197, 37.631

86, 20.375, 27.836

55, 98.759, 39.744

92, 10.891, 27.268

54, 103.430,
40.683

98, 2.146, 26.643

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.



69, 53.748, 31.039



90, 35.233, 206.778

Rectangle

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



69, 53.748, 31.039



69, 53.748, 81.039



69, 53.748, 211.039



69, 53.748, 261.039

Sweetspot

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



69, 53.281, 31.054



90, 14.044, 27.445



71, 77.625, 329.232



47, 9.564, 27.559



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 53.281, 31.054



64, 65.894, 32.965



83, 47.379, 75.168



50, 4.857, 27.116



40, 83.042, 40.886



11, 31.784, 31.217

Inverse Universe

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



90, 35.233, 206.778



88, 39.438, 207.246



72, 43.399, 272.714



52, 4.565, 206.727



65, 36.476, 210.784



22, 16.944, 208.877

Previews

White Background



This preview shows how the CIELCh color 69, 53.748, 31.039 looks on a white background.

Color Contrast Check

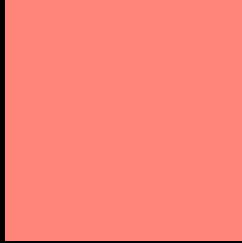
Large Text (above 18pt) WCAG AA × Fail

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 69, 53.748, 31.039 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 69, 53.748, 31.039

Background



This preview shows how black text looks on a background with the CIELCh color 69, 53.748, 31.039.

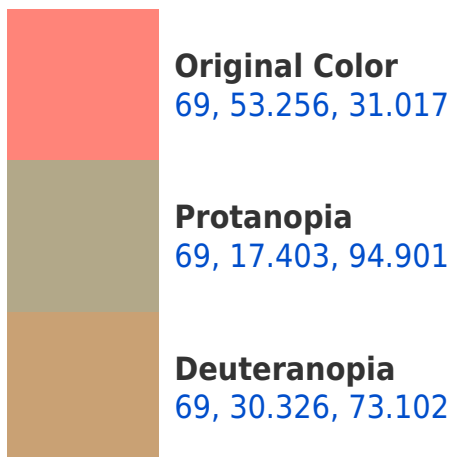


This preview shows how white text looks on a background with the CIELCh color 69, 53.748, 31.039.

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
69, 51.260, 19.797

Trichromacy



Original Color
69, 53.256, 31.017

Protanomaly
68, 25.487, 51.628

Deuteranomaly
68, 36.029, 50.208

Tritanomaly
69, 51.699, 24.385

Monochromacy



Original Color
69, 53.256, 31.017

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 18.305, 27.869

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 53.748, 31.039 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, 132, 121)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 121)  
}
```

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, 132, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 53.748, 31.039 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, 132, 121) }
```

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

```
.border{ border-color:rgb(255, 132, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 132, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 121);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 53.748, 31.039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 132, 121) }
```

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

```
.background{ background-color: rgb(255,  
132, 121) }
```

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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