

Converting Colors

CIELCh(84, 93.282, 31.872)

Have a look what the booklet for
CIELCh(84, 93.282, 31.872) contains.

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Color

CIELCh(69, 52.765, 30.997)

Conversions

Conversions Part 1

Format	Color
Hex	FF857A
RGB	255, 133, 122
RGB Percent	100%, 52%, 48%
CMY	0.0008, 0.4791, 0.5223
CMYK	0.00, 0.48, 0.52, 0.00
HSL	5°, 100%, 74%
HSV	5°, 52%, 100%
XYZ	53.0253, 39.3444, 23.1550
YIQ	168.2240, 76.2430, 22.4430

Conversions

Conversions Part 2

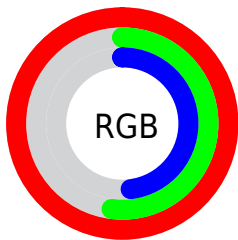
Format	Color
R _Y B	255, 134, 122
Decimal	16745850
CIE Lab	69.00, 45.23, 27.17
CIE LCh	69, 52.765, 30.997
Yxy	39.3444, 0.4590, 0.3406
Android (android.graphics.Color)	4294935930 (0xFFFF857A)
YUV	168.2240, -22.7884, 76.1026
Hunter-Lab	62.7251, 41.1280, 22.0207

Details

The CIELCh color **69, 52.765, 30.997** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **90, 35.021, 206.784**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 27.790, 36.606**, and **49, 52.863, 31.173** is the 20% darker color. If you saturate the color by 10%, you get **64, 64.846, 32.807**, and if you desaturate by 10%, it is **74, 41.141, 29.614**.

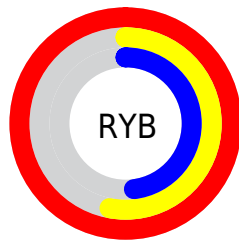
Distribution



Red (100%)

Green (52%)

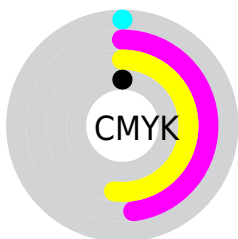
Blue (48%)



Red (100%)

Yellow (53%)

Blue (48%)

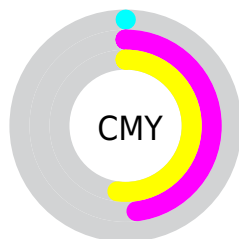


Cyan (0%)

Magenta (48%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 52.765, 30.997 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, 52.765, 30.997 by changing the saturation by 10% instead.

69, 52.765, 30.997

69, 52.765, 30.997

100, 52.765,
30.997

59, 52.765, 30.997

89, 52.765, 30.997

49, 52.765, 30.997

99, 52.765, 30.997

39, 52.765, 30.997

29, 52.765, 30.997

19, 52.765, 30.997

9, 52.765, 30.997

0, 52.765, 30.997

69, 52.765, 30.997

69, 52.765, 30.997

64, 64.846, 32.807

74, 41.141, 29.614

60, 77.040, 35.042

80, 30.178, 28.581

57, 88.691, 37.536

86, 19.965, 27.823

55, 98.376, 39.684

92, 10.518, 27.262

54, 103.360,
40.685

99, 1.810, 26.588

100, 0.074,
208.362

Harmonies

Complementary

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



69, 52.765, 30.997



90, 35.021, 206.784

Rectangle

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



69, 52.765, 30.997



69, 52.765, 80.997



69, 52.765, 210.997



69, 52.765, 260.997

Sweetspot

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



69, 52.762, 31.000



90, 14.042, 27.459



71, 77.065, 329.211



47, 9.562, 27.573



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, 52.762, 31.000



64, 65.887, 32.974



83, 46.962, 75.227



50, 4.857, 27.130



40, 83.039, 40.888



11, 31.781, 31.224

Inverse Universe

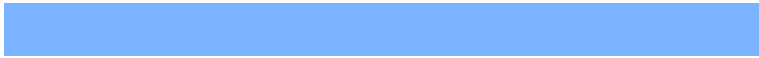
The Inverse Universe completely reimagines the original color for something new.



90, 35.021, 206.784



88, 39.432, 207.267



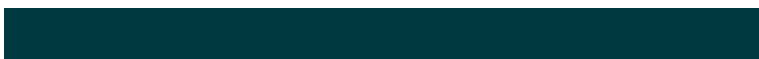
72, 43.040, 272.596



52, 4.564, 206.743



65, 36.471, 210.814



22, 16.941, 208.903

Previews

White Background



This preview shows how the CIELCh color 69, 52.765, 30.997 looks on a white background.

Color Contrast Check

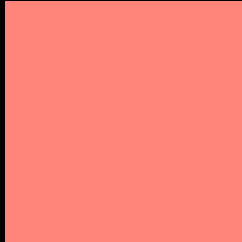
Large Text (above 18pt) WCAG AA × Fail

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, 52.765, 30.997 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, 52.765, 30.997

Background



This preview shows how black text looks on a background with the CIELCh color 69, 52.765, 30.997.

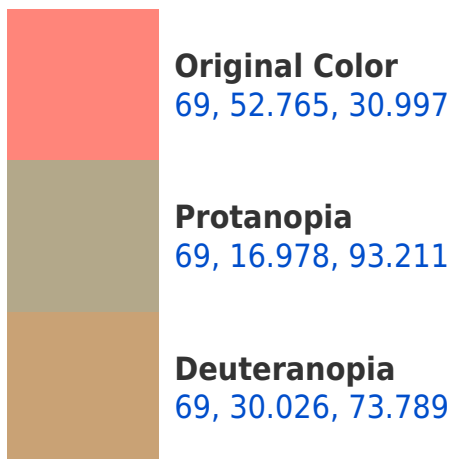


This preview shows how white text looks on a background with the CIELCh color 69, 52.765, 30.997.

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](#).

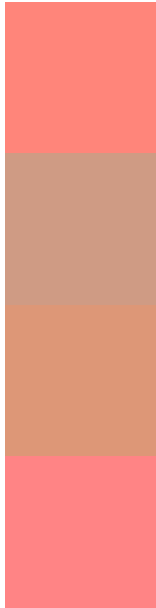
Dichromacy





Tritanopia
69, 50.801, 19.667

Trichromacy



Original Color
69, 52.765, 30.997

Protanomaly
68, 25.532, 50.213

Deuteranomaly
69, 35.585, 50.530

Tritanomaly
69, 51.224, 24.300

Monochromacy



Original Color
69, 52.765, 30.997

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 18.280, 27.861

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 52.765, 30.997 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, 133, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 122)  
}
```

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, 133, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 52.765, 30.997 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, 133, 122) }
```

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

```
.border{ border-color:rgb(255, 133, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 133, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 52.765, 30.997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 122) }
```

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

```
.background{ background-color: rgb(255,  
133, 122) }
```

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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