

Converting Colors

CIELCh(69, 52.523, 32.770)

Have a look what the booklet for
CIELCh(69, 52.523, 32.770) contains.

CIELCh(69, 52.480, 32.616)	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, 52.480, 32.616)

Conversions

Conversions Part 1

Format	Color
Hex	FE8678
RGB	254, 134, 120
RGB Percent	100%, 53%, 47%
CMY	0.0051, 0.4755, 0.5304
CMYK	0.00, 0.47, 0.53, 0.01
HSL	6°, 98%, 73%
HSV	6°, 53%, 99%
XYZ	52.6299, 39.3444, 22.5131
YIQ	168.2840, 76.0140, 21.0860

Conversions

Conversions Part 2

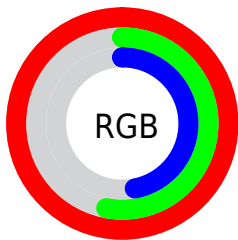
Format	Color
R_{YB}	254, 136, 120
Decimal	16680568
CIE _{Lab}	69.00, 44.20, 28.29
CIE _{LCh}	69, 52.480, 32.616
Yxy	39.3444, 0.4597, 0.3437
Android (android.graphics.Color)	4294870648 (0xFFFE8678)
YUV	168.2840, -23.8040, 75.1729
Hunter-Lab	62.7251, 40.0025, 22.6274

Details

The CIELCh color **69, 52.480, 32.616** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 34.539, 209.656**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 28.007, 39.741**, and **49, 52.633, 32.760** is the 20% darker color. If you saturate the color by 10%, you get **64, 64.464, 34.248**, and if you desaturate by 10%, it is **74, 40.989, 31.376**.

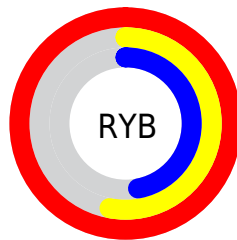
Distribution



Red (100%)

Green (53%)

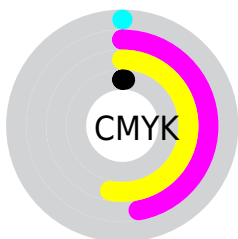
Blue (47%)



Red (100%)

Yellow (53%)

Blue (47%)

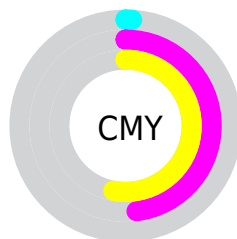


Cyan (0%)

Magenta (47%)

Yellow (53%)

Black (1%)



Cyan (1%)

Magenta (48%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 52.480, 32.616 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, 52.480, 32.616 by changing the saturation by 10% instead.

69, 52.480, 32.616

69, 52.480, 32.616

100, 52.480,
32.616

59, 52.480, 32.616

89, 52.480, 32.616

49, 52.480, 32.616

99, 52.480, 32.616

39, 52.480, 32.616

29, 52.480, 32.616

19, 52.480, 32.616

9, 52.480, 32.616

0, 52.480, 32.616

69, 52.480, 32.616

69, 52.480, 32.616

64, 64.464, 34.248

74, 40.989, 31.376

60, 76.606, 36.258

80, 30.178, 30.461

57, 88.231, 38.465

86, 20.122, 29.807

55, 97.860, 40.259

92, 10.831, 29.339

54, 102.554,
40.979

98, 2.269, 28.823

100, 0.450,
200.848

Harmonies

Complementary

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



69, 52.480, 32.616



89, 34.539, 209.656

Rectangle

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



69, 52.480, 32.616



69, 52.480, 82.616



69, 52.480, 212.616



69, 52.480, 262.616

Sweetspot

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



69, 52.477, 32.619



90, 13.784, 29.474



70, 75.859, 330.360



47, 9.387, 29.567



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, 52.477, 32.619



65, 64.984, 34.289



84, 48.136, 78.214



50, 4.767, 29.208



41, 82.617, 41.216



11, 31.414, 32.295

Inverse Universe

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



89, 34.539, 209.656



87, 38.718, 210.344



70, 45.462, 275.814



52, 4.479, 208.997



64, 35.826, 215.142



21, 16.643, 212.619

Previews

White Background



This preview shows how the CIELCh color 69, 52.480, 32.616 looks on a white background.

Color Contrast Check

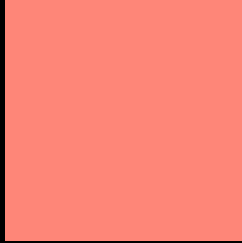
Large Text (above 18pt) WCAG AA × Fail

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, 52.480, 32.616 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, 52.480, 32.616

Background



This preview shows how black text looks on a background with the CIELCh color 69, 52.480, 32.616.



This preview shows how white text looks on a background with the CIELCh color 69, 52.480, 32.616.

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



Original Color

69, 52.480, 32.616

Protanopia

69, 18.974, 95.829

Deuteranopia

69, 31.213, 74.058



Tritanopia
69, 50.801, 19.667

Trichromacy



Original Color
69, 52.480, 32.616

Protanomaly
68, 26.124, 54.861

Deuteranomaly
69, 36.189, 52.791

Tritanomaly
69, 51.224, 24.300

Monochromacy



Original Color
69, 52.480, 32.616

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 17.700, 31.539

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 52.480, 32.616 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(254, 134, 120)` looks like.

```
.text, #text, p{  
    color:rgb(254, 134, 120)  
}
```

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(254, 134, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 134, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 52.480, 32.616 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(254, 134, 120) }
```

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

```
.border{ border-color:rgb(254, 134, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 134, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 134, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 134, 120);  
box-shadow:4px 4px 4px 4px rgb(254, 134,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 52.480, 32.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 134, 120) }
```

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

```
.background{ background-color: rgb(254,  
134, 120) }
```

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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