

Converting Colors

CIELCh(70, 52.023, 45.941)

Have a look what the booklet for
CIELCh(70, 52.023, 45.941) contains.

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Color

CIELCh(70, 52.009, 45.857)

Conversions

Conversions Part 1

Format	Color
Hex	F88F69
RGB	248, 143, 105
RGB Percent	97%, 56%, 41%
CMY	0.0264, 0.4382, 0.5873
CMYK	0.00, 0.42, 0.58, 0.03
HSL	16°, 91%, 69%
HSV	16°, 58%, 97%
XYZ	51.2304, 40.7494, 18.5908
YIQ	170.0630, 74.7780, 10.4420

Conversions

Conversions Part 2

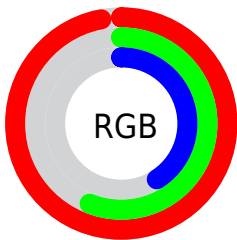
Format	Color
R _Y B	248, 157, 105
Decimal	16289641
CIE Lab	70.00, 36.22, 37.32
CIE LCh	70, 52.009, 45.857
Yxy	40.7494, 0.4633, 0.3685
Android (android.graphics.Color)	4294479721 (0xFFFF88F69)
YUV	170.0630, -32.0761, 68.3507
Hunter-Lab	63.8353, 31.5419, 27.4176

Details

The CIELCh color **70, 52.009, 45.857** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **80, 34.157, 234.597**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 32.102, 62.013**, and **50, 51.824, 45.761** is the 20% darker color. If you saturate the color by 10%, you get **66, 63.186, 46.070**, and if you desaturate by 10%, it is **74, 41.354, 45.795**.

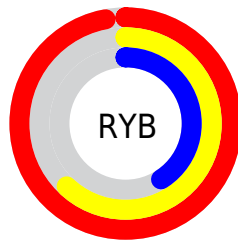
Distribution



Red (97%)

Green (56%)

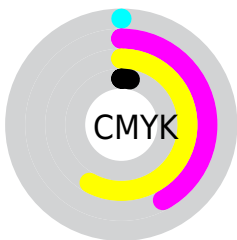
Blue (41%)



Red (97%)

Yellow (62%)

Blue (41%)

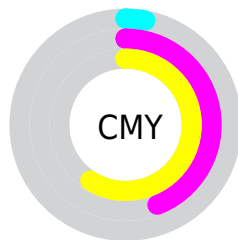


Cyan (0%)

Magenta (42%)

Yellow (58%)

Black (3%)



Cyan (3%)

Magenta (44%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 52.009, 45.857 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 70, 52.009, 45.857 by changing the saturation by 10% instead.

70, 52.009, 45.857

70, 52.009, 45.857

100, 52.009,
45.857

60, 52.009, 45.857

90, 52.009, 45.857

50, 52.009, 45.857

40, 52.009, 45.857

30, 52.009, 45.857

20, 52.009, 45.857

10, 52.009, 45.857

0, 52.009, 45.857

70, 52.009, 45.857

70, 52.009, 45.857

66, 63.186, 46.070

74, 41.354, 45.795

62, 74.506, 46.325

79, 31.377, 45.888

59, 85.082, 46.335

84, 22.114, 46.121

57, 93.264, 45.530

89, 13.547, 46.462

56, 94.954, 45.339

94, 5.629, 46.847

99, 1.700, 227.831

100, 2.330,
199.542

Harmonies

Complementary

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



70, 52.009, 45.857



80, 34.157, 234.597

Rectangle

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



70, 52.009, 45.857



70, 52.009, 95.857



70, 52.009, 225.857



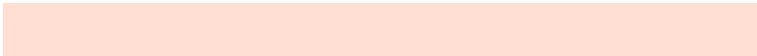
70, 52.009, 275.857

Sweetspot

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



70, 52.007, 45.861



91, 13.327, 46.484



66, 72.547, 336.638



47, 8.986, 46.408



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 52.007, 45.861



67, 66.193, 46.109



86, 56.749, 89.877



49, 4.254, 46.779



43, 76.792, 45.844



12, 27.786, 40.790

Inverse Universe

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



80, 34.157, 234.597



79, 39.258, 237.715



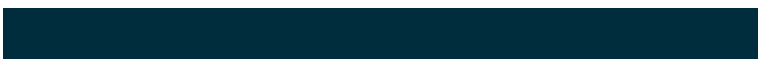
61, 60.496, 288.033



50, 4.027, 228.004



54, 37.196, 249.550



17, 16.220, 242.605

Previews

White Background



This preview shows how the CIELCh color 70, 52.009, 45.857 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 70, 52.009, 45.857 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 70, 52.009, 45.857

Background



This preview shows how black text looks on a background with the CIELCh color 70, 52.009, 45.857.



This preview shows how white text looks on a background with the CIELCh color 70, 52.009, 45.857.

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

70, 52.009, 45.857

Protanopia

70, 30.418, 95.078

Deuteranopia

70, 39.611, 77.475



Tritanopia
70, 45.930, 17.708

Trichromacy



Original Color
70, 52.009, 45.857

Protanomaly
70, 34.335, 70.135

Deuteranomaly
70, 42.226, 62.855

Tritanomaly
70, 46.707, 29.180

Monochromacy



Original Color
70, 52.009, 45.857

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 17.357, 46.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 52.009, 45.857 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(248, 143, 105)` looks like.

```
.text, #text, p{  
    color:rgb(248, 143, 105)  
}
```

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(248, 143, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 143, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 52.009, 45.857 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(248, 143, 105) }
```

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

```
.border{ border-color:rgb(248, 143, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 143, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 143, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 143, 105);  
box-shadow:4px 4px 4px 4px rgb(248, 143,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 52.009, 45.857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 143, 105) }
```

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

```
.background{ background-color: rgb(248,  
143, 105) }
```

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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