

Converting Colors

CIELCh(71, 45.469, 45.260)

Have a look what the booklet for
CIELCh(71, 45.469, 45.260) contains.

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Color

CIELCh(71, 45.469, 45.260)

Conversions

Conversions Part 1

Format	Color
Hex	F49675
RGB	244, 150, 117
RGB Percent	96%, 59%, 46%
CMY	0.0443, 0.4128, 0.5421
CMYK	0.00, 0.39, 0.52, 0.04
HSL	16°, 85%, 71%
HSV	16°, 52%, 96%
XYZ	51.2659, 42.1875, 22.1938
YIQ	174.3440, 66.6170, 9.6650

Conversions

Conversions Part 2

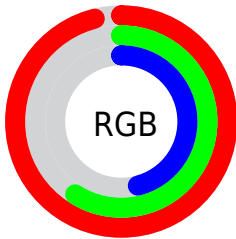
Format	Color
R_{YB}	244, 162, 117
Decimal	16029301
CIE _{Lab}	71.00, 32.01, 32.30
CIE _{LCh}	71, 45.469, 45.260
Yxy	42.1875, 0.4433, 0.3648
Android (android.graphics.Color)	4294219381 (0xFFFF49675)
YUV	174.3440, -28.2706, 61.0883
Hunter-Lab	64.9519, 27.2224, 25.2071

Details

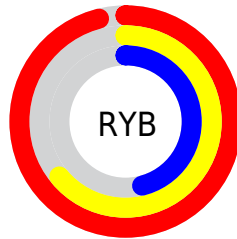
The CIELCh color **71, 45.469, 45.260** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **80, 31.241, 232.444**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 27.759, 62.519**, and **51, 45.461, 45.340** is the 20% darker color. If you saturate the color by 10%, you get **67, 56.253, 45.449**, and if you desaturate by 10%, it is **75, 35.303, 45.244**.

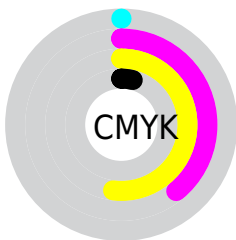
Distribution



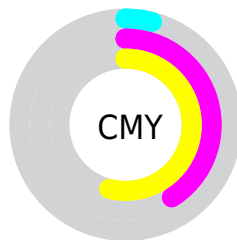
- Red (96%)
- Green (59%)
- Blue (46%)



- Red (96%)
- Yellow (64%)
- Blue (46%)



- Cyan (0%)
- Magenta (39%)
- Yellow (52%)
- Black (4%)



- Cyan (4%)
- Magenta (41%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 45.469, 45.260 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 71, 45.469, 45.260 by changing the saturation by 10% instead.

71, 45.469, 45.260

71, 45.469, 45.260

100, 45.469,
45.260

61, 45.469, 45.260

91, 45.469, 45.260

51, 45.469, 45.260

41, 45.469, 45.260

31, 45.469, 45.260

21, 45.469, 45.260

11, 45.469, 45.260

1, 45.469, 45.260

0, 45.469, 45.260

71, 45.469, 45.260

71, 45.469, 45.260

67, 56.253, 45.449

75, 35.303, 45.244

63, 67.430, 45.756

80, 25.838, 45.379

60, 78.446, 46.024

85, 17.074, 45.642

57, 88.087, 45.824

90, 8.977, 45.991

55, 93.866, 45.134

95, 1.491, 46.111

99, 3.901, 199.328

Harmonies

Complementary

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



71, 45.469, 45.260



80, 31.241, 232.444

Rectangle

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



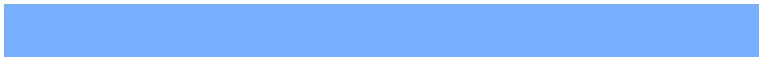
71, 45.469, 45.260



71, 45.469, 95.260



71, 45.469, 225.260



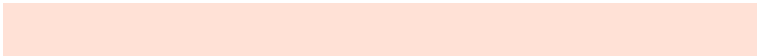
71, 45.469, 275.260

Sweetspot

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



71, 45.467, 45.264



92, 12.518, 45.847



67, 65.670, 336.152



48, 8.522, 45.774



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 45.467, 45.264



69, 59.430, 45.477



86, 50.728, 90.637



48, 4.191, 46.084



42, 76.217, 45.629



11, 26.618, 39.757

Inverse Universe

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



80, 31.241, 232.444



80, 37.012, 235.010



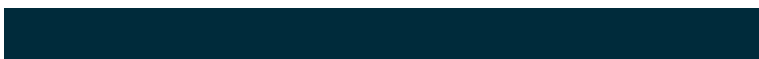
63, 53.419, 286.541



49, 3.965, 227.256



54, 36.539, 248.304



16, 15.683, 241.115

Previews

White Background



This preview shows how the CIELCh color 71, 45.469, 45.260 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 71, 45.469, 45.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

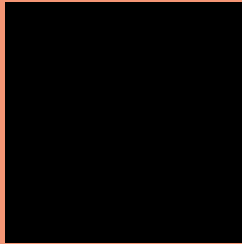
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 45.469, 45.260

Background



This preview shows how black text looks on a background with the CIELCh color 71, 45.469, 45.260.

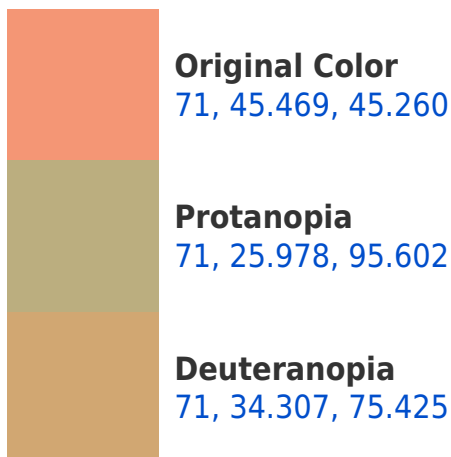


This preview shows how white text looks on a background with the CIELCh color 71, 45.469, 45.260.

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
71, 41.178, 16.260

Trichromacy



Original Color
71, 45.469, 45.260

Protanomaly
71, 29.621, 69.726

Deuteranomaly
71, 37.066, 62.259

Tritanomaly
71, 41.364, 27.759

Monochromacy



Original Color
71, 45.469, 45.260

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 15.195, 45.728

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 45.469, 45.260 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(244, 150, 117)` looks like.

```
.text, #text, p{  
    color:rgb(244, 150, 117)  
}
```

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(244, 150, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 150, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 45.469, 45.260 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(244, 150, 117) }
```

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

```
.border{ border-color:rgb(244, 150, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 150, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 150, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 150, 117);  
box-shadow:4px 4px 4px 4px rgb(244, 150,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 45.469, 45.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 150, 117) }
```

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

```
.background{ background-color: rgb(244,  
150, 117) }
```

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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