

Converting Colors

CIELCh(69, 57.796, 45.171)

Have a look what the booklet for
CIELCh(69, 57.796, 45.171) contains.

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Color

CIELCh(69, 58.113, 45.031)

Conversions

Conversions Part 1

Format	Color
Hex	FD8860
RGB	253, 136, 96
RGB Percent	99%, 53%, 38%
CMY	0.0078, 0.4666, 0.6235
CMYK	0.00, 0.46, 0.62, 0.01
HSL	15°, 98%, 68%
HSV	15°, 62%, 99%
XYZ	51.4338, 39.3444, 15.9534
YIQ	166.4230, 82.5720, 12.3640

Conversions

Conversions Part 2

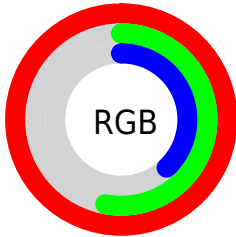
Format	Color
RYB	253, 150, 96
Decimal	16615520
CIELab	69.00, 41.07, 41.11
CIElCh	69, 58.113, 45.031
Yxy	39.3444, 0.4819, 0.3686
Android (android.graphics.Color)	4294805600 (0xFFFD8860)
YUV	166.4230, -34.7185, 75.9280
Hunter-Lab	62.7251, 36.5989, 28.8278

Details

The CIELCh color **69, 58.113, 45.031** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **80, 36.376, 233.926**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 35.790, 60.465**, and **49, 57.945, 45.239** is the 20% darker color. If you saturate the color by 10%, you get **65, 69.667, 45.395**, and if you desaturate by 10%, it is **73, 46.958, 44.805**.

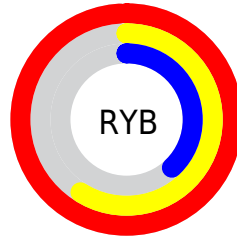
Distribution



Red (99%)

Green (53%)

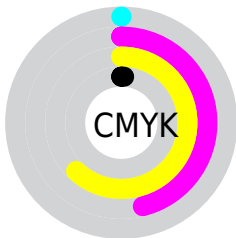
Blue (38%)



Red (99%)

Yellow (59%)

Blue (38%)

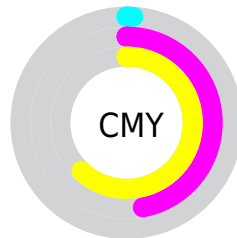


Cyan (0%)

Magenta (46%)

Yellow (62%)

Black (1%)



Cyan (1%)

Magenta (47%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 58.113, 45.031 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, 58.113, 45.031 by changing the saturation by 10% instead.

69, 58.113, 45.031

69, 58.113, 45.031

100, 58.113,
45.031

59, 58.113, 45.031

89, 58.113, 45.031

49, 58.113, 45.031

99, 58.113, 45.031

39, 58.113, 45.031

29, 58.113, 45.031

19, 58.113, 45.031

9, 58.113, 45.031

0, 58.113, 45.031

69, 58.113, 45.031

69, 58.113, 45.031

65, 69.667, 45.395

73, 46.958, 44.805

62, 81.048, 45.719

78, 36.447, 44.746

59, 90.981, 45.570

83, 26.661, 44.847

57, 96.881, 44.880

88, 17.604, 45.081

93, 9.239, 45.404

98, 1.509, 45.493

100, 0.688,
200.324

Harmonies

Complementary

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



69, 58.113, 45.031



80, 36.376, 233.926

Rectangle

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



69, 58.113, 45.031



69, 58.113, 95.031



69, 58.113, 225.031



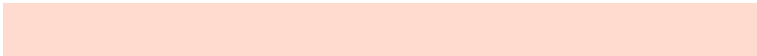
69, 58.113, 275.031

Sweetspot

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



69, 58.111, 45.035



90, 15.076, 45.173



65, 78.036, 337.049



47, 10.497, 45.087



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, 58.111, 45.035



65, 72.387, 45.470



87, 61.758, 89.255



50, 4.342, 45.489



43, 78.015, 45.369



12, 29.180, 40.588

Inverse Universe

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



80, 36.376, 233.926



78, 40.644, 237.406



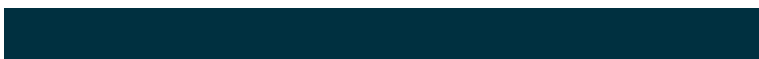
59, 66.623, 289.312



51, 4.105, 226.620



55, 37.079, 247.366



18, 16.545, 240.917

Previews

White Background



This preview shows how the CIELCh color 69, 58.113, 45.031 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, 58.113, 45.031 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, 58.113, 45.031

Background



This preview shows how black text looks on a background with the CIELCh color 69, 58.113, 45.031.

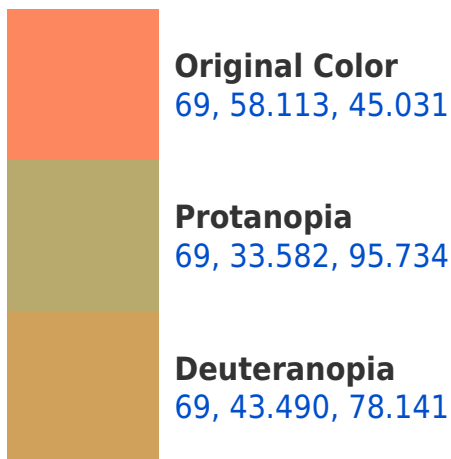


This preview shows how white text looks on a background with the CIELCh color 69, 58.113, 45.031.

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, 58.113, 45.031

Protanomaly
69, 37.470, 69.601

Deuteranomaly
69, 46.629, 63.197

Tritanomaly
69, 51.957, 29.912

Monochromacy



Original Color
69, 58.113, 45.031

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 19.406, 43.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 58.113, 45.031 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(253, 136, 96)` looks like.

```
.text, #text, p{  
    color:rgb(253, 136, 96)  
}
```

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(253, 136, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 136, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 58.113, 45.031 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(253, 136, 96) }
```

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

```
.border{ border-color:rgb(253, 136, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 136, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 136, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 136, 96);  
box-shadow:4px 4px 4px 4px rgb(253, 136,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 58.113, 45.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 136, 96) }
```

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

```
.background{ background-color: rgb(253,  
136, 96) }
```

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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