

Converting Colors

CIELCh(69, 62.154, 48.473)

Have a look what the booklet for
CIELCh(69, 62.154, 48.473) contains.

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Color

CIELCh(69, 62.183, 48.471)

Conversions

Conversions Part 1

Format	Color
Hex	FF8856
RGB	255, 136, 86
RGB Percent	100%, 53%, 34%
CMY	0.0017, 0.4681, 0.6641
CMYK	0.00, 0.47, 0.66, 0.00
HSL	18°, 99%, 67%
HSV	18°, 66%, 100%
XYZ	51.4934, 39.3444, 13.6105
YIQ	165.8810, 86.9740, 9.6780

Conversions

Conversions Part 2

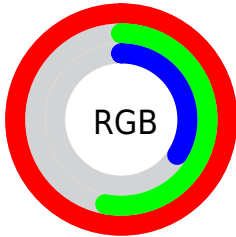
Format	Color
R _Y B	255, 157, 86
Decimal	16746582
CIE Lab	69.00, 41.23, 46.55
CIE LCh	69, 62.183, 48.471
Yxy	39.3444, 0.4930, 0.3767
Android (android.graphics.Color)	4294936662 (0xFFFF8856)
YUV	165.8810, -39.3813, 78.1574
Hunter-Lab	62.7251, 36.7686, 31.0425

Details

The CIELCh color **69, 62.183, 48.471** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **78, 38.866, 241.934**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 39.783, 65.272**, and **49, 62.402, 48.751** is the 20% darker color. If you saturate the color by 10%, you get **65, 73.536, 48.423**, and if you desaturate by 10%, it is **73, 51.018, 48.549**.

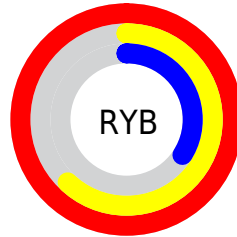
Distribution



Red (100%)

Green (53%)

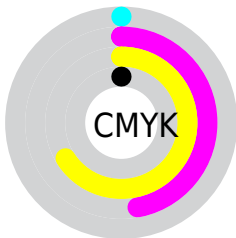
Blue (34%)



Red (100%)

Yellow (62%)

Blue (34%)

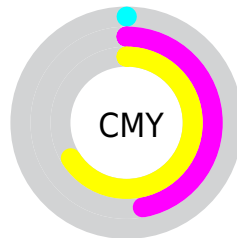


Cyan (0%)

Magenta (47%)

Yellow (66%)

Black (0%)



Cyan (0%)

Magenta (47%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 62.183, 48.471 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, 62.183, 48.471 by changing the saturation by 10% instead.

69, 62.183, 48.471

69, 62.183, 48.471

100, 62.183,
48.471

59, 62.183, 48.471

89, 62.183, 48.471

49, 62.183, 48.471

99, 62.183, 48.471

39, 62.183, 48.471

29, 62.183, 48.471

19, 62.183, 48.471

9, 62.183, 48.471

0, 62.183, 48.471

69, 62.183, 48.471

69, 62.183, 48.471

65, 73.536, 48.423

73, 51.018, 48.549

62, 84.264, 48.138

77, 40.399, 48.736

59, 92.770, 47.073

82, 30.458, 49.051

58, 95.323, 46.593

87, 21.221, 49.478

92, 12.662, 49.991

97, 4.733, 50.514

100, 0.154,
203.698

Harmonies

Complementary

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



69, 62.183, 48.471



78, 38.866, 241.934

Rectangle

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



69, 62.183, 48.471



69, 62.183, 98.471



69, 62.183, 228.471



69, 62.183, 278.471

Sweetspot

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



69, 62.181, 48.474



90, 15.731, 49.796



64, 80.525, 339.108



47, 10.851, 49.652



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, 62.181, 48.474



64, 77.698, 48.368



88, 67.384, 91.110



51, 4.294, 50.361



44, 76.388, 47.152



13, 28.610, 43.513

Inverse Universe

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



78, 38.866, 241.934



74, 43.655, 246.930



55, 75.494, 292.421



51, 4.076, 231.844



53, 39.232, 255.482



17, 17.171, 248.494

Previews

White Background



This preview shows how the CIELCh color 69, 62.183, 48.471 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, 62.183, 48.471 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, 62.183, 48.471

Background



This preview shows how black text looks on a background with the CIELCh color 69, 62.183, 48.471.

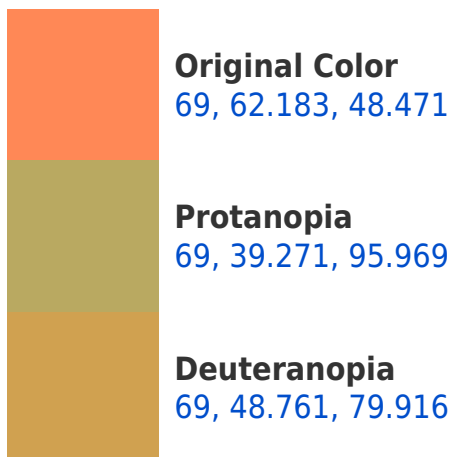


This preview shows how white text looks on a background with the CIELCh color 69, 62.183, 48.471.

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, 62.183, 48.471



Protanomaly
68, 42.703, 72.950



Deuteranomaly
69, 51.520, 66.341



Tritanomaly
69, 53.178, 32.065

Monochromacy



Original Color
69, 62.183, 48.471



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 20.967, 48.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 62.183, 48.471 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, 136, 86)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 86)  
}
```

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, 136, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 62.183, 48.471 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, 136, 86) }
```

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

```
.border{ border-color:rgb(255, 136, 86) }
```

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

Here you see how a box with a 4 pixel rgb(255, 136, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 86);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 62.183, 48.471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 136, 86) }
```

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

```
.background{ background-color: rgb(255,  
136, 86) }
```

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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