

Converting Colors

CIELCh(65, 64.895, 47.145)

Have a look what the booklet for
CIELCh(65, 64.895, 47.145) contains.

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Color

CIELCh(65, 64.895, 47.145)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F67A4A |
| RGB | 246, 122, 74 |
| RGB Percent | 96%, 48%, 29% |
| CMY | 0.0349, 0.5212, 0.7095 |
| CMYK | 0.00, 0.50, 0.70, 0.03 |
| HSL | 17°, 91%, 63% |
| HSV | 17°, 70%, 97% |
| XYZ | 46.2509, 34.0472, 10.6266 |
| YIQ | 153.6040, 89.3120, 11.3600 |

Conversions

Conversions Part 2

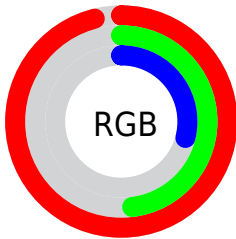
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 246, 141, 74 |
| Decimal | 16153162 |
| CIE Lab | 65.00, 44.14, 47.57 |
| CIE LCh | 65, 64.895, 47.145 |
| Yxy | 34.0472, 0.5087, 0.3745 |
| Android (android.graphics.Color) | 4294343242 (0xFFFF67A4A) |
| YUV | 153.6040, -39.2448, 81.0313 |
| Hunter-Lab | 58.3500, 39.3751, 30.0471 |

Details

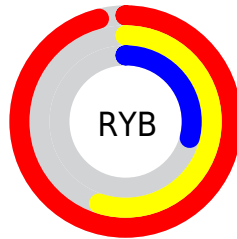
The CIELCh color **65, 64.895, 47.145** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **75, 38.732, 240.229**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 44.285, 58.912**, and **45, 64.455, 47.265** is the 20% darker color. If you saturate the color by 10%, you get **61, 75.979, 47.238**, and if you desaturate by 10%, it is **69, 53.801, 47.043**.

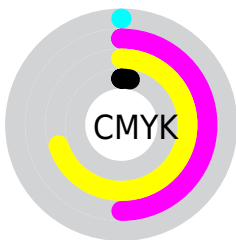
Distribution



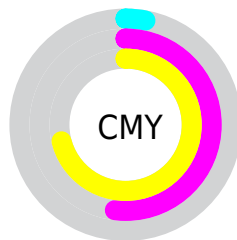
- Red (96%)
- Green (48%)
- Blue (29%)



- Red (96%)
- Yellow (55%)
- Blue (29%)



- Cyan (0%)
- Magenta (50%)
- Yellow (70%)
- Black (3%)



- Cyan (3%)
- Magenta (52%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 64.895, 47.145 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 65, 64.895, 47.145 by changing the saturation by 10% instead.

 65, 64.895, 47.145

 65, 64.895, 47.145

 100, 64.895,
47.145

 55, 64.895, 47.145

 85, 64.895, 47.145

 45, 64.895, 47.145

 95, 64.895, 47.145

 35, 64.895, 47.145

 25, 64.895, 47.145

 15, 64.895, 47.145

 5, 64.895, 47.145

 0, 64.895, 47.145

 65, 64.895, 47.145

 65, 64.895, 47.145

 61, 75.979, 47.238

 69, 53.801, 47.043

58, 86.022, 46.961

73, 43.166, 47.052

56, 93.599, 45.914

78, 33.172, 47.205

56, 93.672, 45.907

82, 23.876, 47.492

87, 15.266, 47.886

92, 7.301, 48.340

97, 0.077, 236.808

99, 3.079, 199.425

Harmonies

Complementary

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



65, 64.895, 47.145



75, 38.732, 240.229

Rectangle

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



65, 64.895, 47.145



65, 64.895, 97.145



65, 64.895, 227.145



65, 64.895, 277.145

Sweetspot

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



65, 64.893, 47.148



89, 16.657, 47.837



61, 81.984, 338.637



46, 11.399, 47.721



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 64.893, 47.148



62, 82.669, 47.197



84, 67.784, 89.418



49, 4.167, 48.359



43, 75.476, 46.447



11, 26.356, 41.161

Inverse Universe

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



75, 38.732, 240.229



74, 44.093, 245.592



52, 76.044, 292.570



49, 3.950, 229.697



53, 37.474, 252.148



15, 15.927, 244.651

Previews

White Background



This preview shows how the CIELCh color 65, 64.895, 47.145 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 65, 64.895, 47.145 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 65, 64.895, 47.145

Background



This preview shows how black text looks on a background with the CIELCh color 65, 64.895, 47.145.

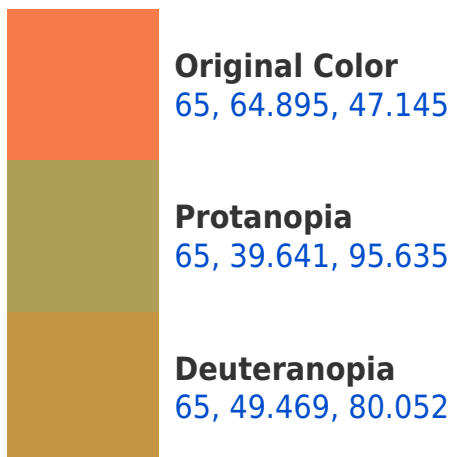


This preview shows how white text looks on a background with the CIELCh color 65, 64.895, 47.145.

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
65, 55.435, 21.681

Trichromacy



Original Color
65, 64.895, 47.145

Protanomaly
64, 43.478, 71.265

Deuteranomaly
65, 52.652, 65.544

Tritanomaly
65, 57.492, 31.964

Monochromacy



Original Color
65, 64.895, 47.145

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 21.452, 46.879

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 64.895, 47.145 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(246, 122, 74)` looks like.

```
.text, #text, p{  
    color:rgb(246, 122, 74)  
}
```

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(246, 122, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 122, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 64.895, 47.145 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(246, 122, 74) }
```

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

```
.border{ border-color:rgb(246, 122, 74) }
```

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

Here you see how a box with a 4 pixel rgb(246, 122, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 122, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 122, 74);  
box-shadow:4px 4px 4px 4px rgb(246, 122,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 64.895, 47.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 122, 74) }
```

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

```
.background{ background-color: rgb(246,  
122, 74) }
```

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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