

Converting Colors

CIELCh(76, 48.013, 64.655)

Have a look what the booklet for
CIELCh(76, 48.013, 64.655) contains.

CIELCh(76, 48.032, 64.037)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(76, 48.032, 64.037)

Conversions

Conversions Part 1

Format	Color
Hex	F6AB6C
RGB	246, 171, 108
RGB Percent	96%, 67%, 42%
CMY	0.0347, 0.3288, 0.5759
CMYK	0.00, 0.30, 0.56, 0.03
HSL	27°, 89%, 69%
HSV	27°, 56%, 97%
XYZ	55.3664, 49.8872, 20.9361
YIQ	186.2430, 64.9230, -3.6930

Conversions

Conversions Part 2

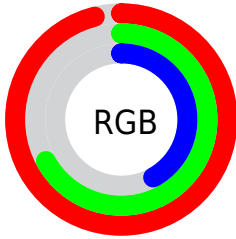
Format	Color
R _Y B	246, 224, 108
Decimal	16165740
CIE Lab	76.00, 21.03, 43.18
CIE LCh	76, 48.032, 64.037
Yxy	49.8872, 0.4388, 0.3953
Android (android.graphics.Color)	4294355820 (0xFFF6AB6C)
YUV	186.2430, -38.5738, 52.4069
Hunter-Lab	70.6309, 16.3192, 31.8671

Details

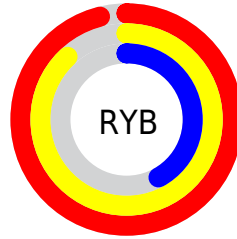
The CIELCh color **76, 48.032, 64.037** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **72, 38.739, 261.778**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 35.464, 88.275**, and **56, 48.100, 64.530** is the 20% darker color. If you saturate the color by 10%, you get **73, 57.856, 62.856**, and if you desaturate by 10%, it is **80, 38.454, 65.193**.

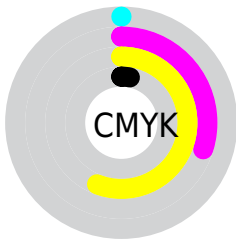
Distribution



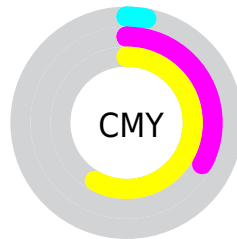
- Red (96%)
- Green (67%)
- Blue (42%)



- Red (96%)
- Yellow (88%)
- Blue (42%)



- Cyan (0%)
- Magenta (30%)
- Yellow (56%)
- Black (3%)



- Cyan (3%)
- Magenta (33%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 48.032, 64.037 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 76, 48.032, 64.037 by changing the saturation by 10% instead.

 76, 48.032, 64.037

 76, 48.032, 64.037

 100, 48.032,
64.037

 66, 48.032, 64.037

 96, 48.032, 64.037

 56, 48.032, 64.037

 46, 48.032, 64.037

 36, 48.032, 64.037

 26, 48.032, 64.037

 16, 48.032, 64.037

 6, 48.032, 64.037

 0, 48.032, 64.037

 76, 48.032, 64.037

 76, 48.032, 64.037

73, 57.856, 62.856

80, 38.454, 65.193

69, 67.544, 61.541

83, 29.287, 66.345

67, 76.315, 59.879

87, 20.583, 67.505

64, 82.924, 57.480

91, 12.342, 68.661

63, 85.038, 56.424

95, 4.535, 69.763

98, 2.562, 245.110

99, 3.059, 199.428

Harmonies

Complementary

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



76, 48.032, 64.037



72, 38.739, 261.778

Rectangle

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



76, 48.032, 64.037



76, 48.032, 114.037



76, 48.032, 244.037



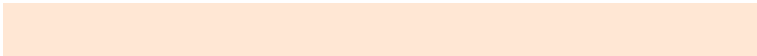
76, 48.032, 294.037

Sweetspot

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



76, 48.031, 64.041



93, 13.470, 68.550



65, 62.373, 346.970



49, 9.060, 68.319



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 48.031, 64.041



75, 60.489, 62.726



93, 64.475, 102.468



49, 4.267, 69.404



48, 68.627, 57.132



14, 24.714, 57.008

Inverse Universe

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



72, 38.739, 261.778



70, 46.800, 265.621



54, 74.993, 297.091



49, 4.145, 251.821



43, 52.226, 279.487



12, 20.530, 271.846

Previews

White Background



This preview shows how the CIELCh color 76, 48.032, 64.037 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 76, 48.032, 64.037 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 76, 48.032, 64.037

Background



This preview shows how black text looks on a background with the CIELCh color 76, 48.032, 64.037.



This preview shows how white text looks on a background with the CIELCh color 76, 48.032, 64.037.

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
76, 34.865, 12.260

Trichromacy



Original Color
76, 48.032, 64.037

Protanomaly
76, 40.880, 83.052

Deuteranomaly
76, 45.554, 72.317

Tritanomaly
76, 35.331, 35.148

Monochromacy



Original Color
76, 48.032, 64.037

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 16.471, 68.147

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 48.032, 64.037 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, 171, 108)` looks like.

```
.text, #text, p{  
    color:rgb(246, 171, 108)  
}
```

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, 171, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 171, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 48.032, 64.037 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, 171, 108) }
```

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

```
.border{ border-color:rgb(246, 171, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 171, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 171, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 171, 108); box-shadow:4px 4px 4px 4px rgb(246, 171, 108) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 48.032, 64.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 171, 108) }
```

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

```
.background{ background-color: rgb(246,  
171, 108) }
```

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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