

Converting Colors

CIELCh(76, 44.360, 48.065)

Have a look what the booklet for
CIELCh(76, 44.360, 48.065) contains.

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Color

CIELCh(76, 44.129, 48.218)

Conversions

Conversions Part 1

Format	Color
Hex	FFA580
RGB	255, 165, 128
RGB Percent	100%, 65%, 50%
CMY	0.0000, 0.3519, 0.4970
CMYK	0.00, 0.35, 0.50, 0.00
HSL	18°, 100%, 75%
HSV	18°, 50%, 100%
XYZ	58.7650, 49.8872, 27.0411
YIQ	187.6920, 65.5170, 7.5730

Conversions

Conversions Part 2

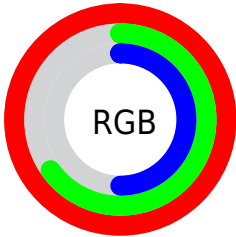
Format	Color
RYB	255, 180, 128
Decimal	16754048
CIELab	76.00, 29.40, 32.91
CIElCh	76, 44.129, 48.218
Yxy	49.8872, 0.4331, 0.3676
Android (android.graphics.Color)	4294944128 (0xFFFFA580)
YUV	187.6920, -29.4282, 59.0291
Hunter-Lab	70.6309, 24.9082, 26.7424

Details

The CIELCh color **76, 44.129, 48.218** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **83, 31.452, 236.899**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 24.741, 75.904**, and **56, 44.277, 48.049** is the 20% darker color. If you saturate the color by 10%, you get **72, 54.875, 48.174**, and if you desaturate by 10%, it is **81, 33.803, 48.535**.

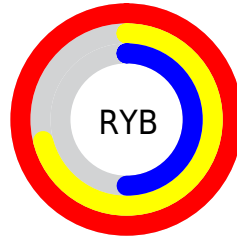
Distribution



Red (100%)

Green (65%)

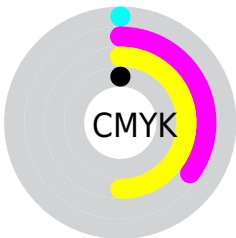
Blue (50%)



Red (100%)

Yellow (71%)

Blue (50%)

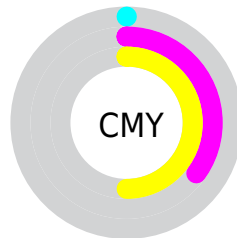


Cyan (0%)

Magenta (35%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 44.129, 48.218 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, 44.129, 48.218 by changing the saturation by 10% instead.

 76, 44.129, 48.218

 76, 44.129, 48.218

 100, 44.129,
48.218

 66, 44.129, 48.218

 96, 44.129, 48.218

 56, 44.129, 48.218

 46, 44.129, 48.218

 36, 44.129, 48.218

 26, 44.129, 48.218

 16, 44.129, 48.218

 6, 44.129, 48.218

 0, 44.129, 48.218

 76, 44.129, 48.218

 76, 44.129, 48.218

72, 54.875, 48.174

81, 33.803, 48.535

68, 66.200, 48.158

85, 24.301, 48.904

64, 77.516, 48.110

90, 15.494, 49.371

61, 87.760, 47.684

95, 7.340, 49.891

58, 95.436, 46.445

100, 0.012,
296.813

58, 95.647, 46.416

Harmonies

Complementary

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



76, 44.129, 48.218



83, 31.452, 236.899

Rectangle

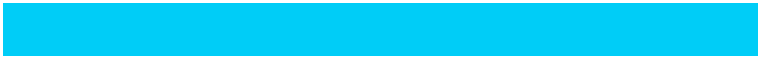
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76, 44.129, 48.218



76, 44.129, 98.218



76, 44.129, 228.218



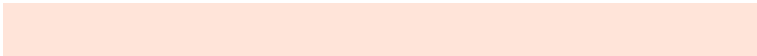
76, 44.129, 278.218

Sweetspot

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



76, 44.012, 48.289



92, 11.580, 49.614



71, 63.936, 337.441



48, 7.966, 49.504



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, 44.012, 48.289



72, 55.204, 48.173



91, 51.622, 93.289



51, 4.297, 49.901



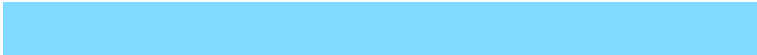
44, 76.544, 46.973



13, 28.662, 43.226

Inverse Universe

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



83, 31.452, 236.899



80, 36.239, 239.427



66, 55.069, 287.914



51, 4.078, 231.352



53, 39.000, 254.753



17, 17.101, 247.803

Previews

White Background



This preview shows how the CIELCh color 76, 44.129, 48.218 looks on a white background.

Color Contrast Check

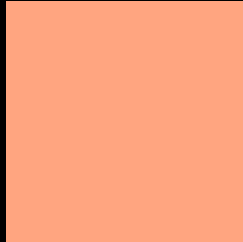
Large Text (above 18pt) WCAG AA × Fail

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, 44.129, 48.218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

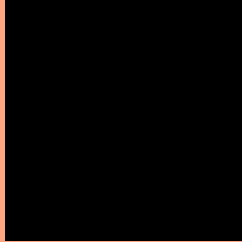
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 44.129, 48.218

Background



This preview shows how black text looks on a background with the CIELCh color 76, 44.129, 48.218.

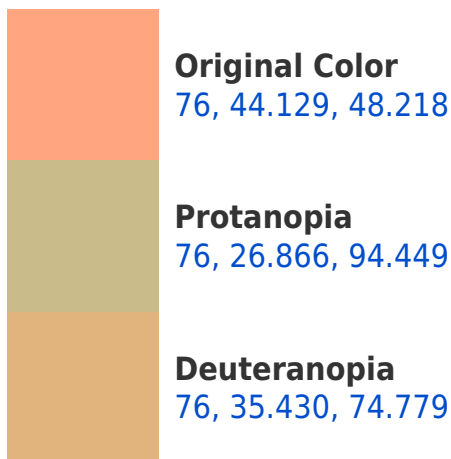


This preview shows how white text looks on a background with the CIELCh color 76, 44.129, 48.218.

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, 37.286, 14.043

Trichromacy



Original Color
76, 44.129, 48.218

Protanomaly
76, 30.158, 72.242

Deuteranomaly
76, 37.576, 64.007

Tritanomaly
76, 37.770, 28.297

Monochromacy



Original Color
76, 44.129, 48.218

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 14.748, 50.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 44.129, 48.218 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, 165, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 128)  
}
```

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, 165, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 44.129, 48.218 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, 165, 128) }
```

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

```
.border{ border-color:rgb(255, 165, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 44.129, 48.218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 128) }
```

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

```
.background{ background-color: rgb(255,  
165, 128) }
```

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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