

Converting Colors

CIELCh(78, 45.479, 58.658)

Have a look what the booklet for
CIELCh(78, 45.479, 58.658) contains.

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Color

CIELCh(78, 45.479, 58.658)

Conversions

Conversions Part 1

Format	Color
Hex	FFAF7A
RGB	255, 175, 122
RGB Percent	100%, 69%, 48%
CMY	0.0008, 0.3144, 0.5222
CMYK	0.00, 0.31, 0.52, 0.00
HSL	24°, 100%, 74%
HSV	24°, 52%, 100%
XYZ	59.9623, 53.2120, 25.4672
YIQ	192.8780, 64.6930, 0.4770

Conversions

Conversions Part 2

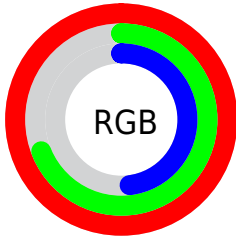
Format	Color
R _Y B	255, 210, 122
Decimal	16756602
CIE Lab	78.00, 23.66, 38.84
CIE LCh	78, 45.479, 58.658
Yxy	53.2120, 0.4325, 0.3838
Android (android.graphics.Color)	4294946682 (0xFFFFAF7A)
YUV	192.8780, -34.9429, 54.4810
Hunter-Lab	72.9466, 19.0710, 30.3632

Details

The CIELCh color **78, 45.479, 58.658** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **78, 35.048, 253.077**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 30.289, 89.681**, and **58, 45.506, 58.559** is the 20% darker color. If you saturate the color by 10%, you get **74, 55.825, 57.802**, and if you desaturate by 10%, it is **82, 35.597, 59.550**.

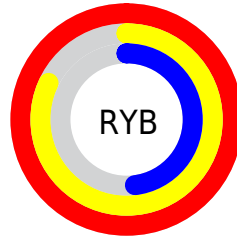
Distribution



Red (100%)

Green (69%)

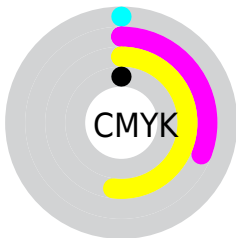
Blue (48%)



Red (100%)

Yellow (82%)

Blue (48%)

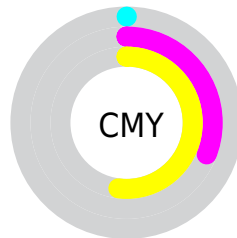


Cyan (0%)

Magenta (31%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 45.479, 58.658 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 78, 45.479, 58.658 by changing the saturation by 10% instead.

 78, 45.479, 58.658

 78, 45.479, 58.658

 100, 45.479,
58.658

 68, 45.479, 58.658

 98, 45.479, 58.658

 58, 45.479, 58.658

 48, 45.479, 58.658

 38, 45.479, 58.658

 28, 45.479, 58.658

 18, 45.479, 58.658

 8, 45.479, 58.658

 0, 45.479, 58.658

 78, 45.479, 58.658

 78, 45.479, 58.658

74, 55.825, 57.802

82, 35.597, 59.550

71, 66.375, 56.903

86, 26.276, 60.479

67, 76.525, 55.796

90, 17.526, 61.445

64, 85.106, 54.118

95, 9.321, 62.423

62, 90.099, 52.272

99, 1.615, 63.170

100, 0.071,
208.841

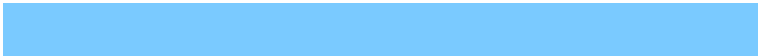
Harmonies

Complementary

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



78, 45.479, 58.658



78, 35.048, 253.077

Rectangle

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



78, 45.479, 58.658



78, 45.479, 108.658



78, 45.479, 238.658



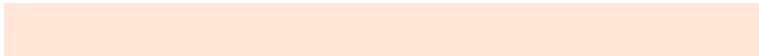
78, 45.479, 288.658

Sweetspot

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



78, 45.478, 58.663



93, 12.397, 62.051



69, 62.617, 342.661



49, 8.426, 61.849



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 45.478, 58.663



74, 56.719, 57.731



94, 58.735, 99.251



51, 4.315, 62.679



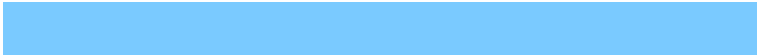
47, 72.201, 52.948



14, 27.474, 52.071

Inverse Universe

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



78, 35.048, 253.077



74, 41.139, 256.519



61, 65.857, 293.497



51, 4.153, 244.864



47, 47.411, 272.281



14, 19.852, 265.086

Previews

White Background



This preview shows how the CIELCh color 78, 45.479, 58.658 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 78, 45.479, 58.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

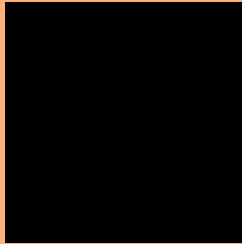
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 45.479, 58.658

Background



This preview shows how black text looks on a background with the CIELCh color 78, 45.479, 58.658.



This preview shows how white text looks on a background with the CIELCh color 78, 45.479, 58.658.

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](#).

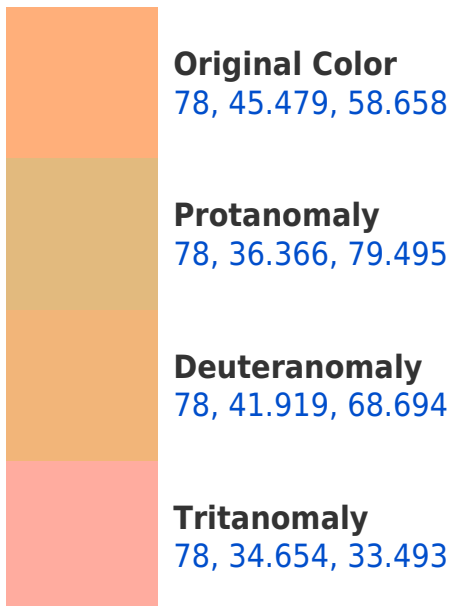
Dichromacy



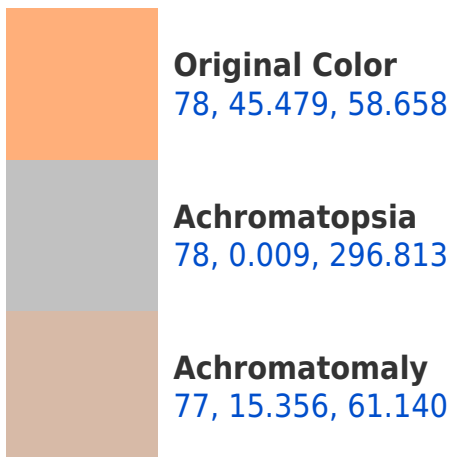


Tritanopia
78, 33.427, 12.521

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 45.479, 58.658 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, 175, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 122)  
}
```

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, 175, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 45.479, 58.658 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, 175, 122) }
```

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

```
.border{ border-color:rgb(255, 175, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 45.479, 58.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 122) }
```

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

```
.background{ background-color: rgb(255,  
175, 122) }
```

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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