

Converting Colors

CIELCh(78, 43.153, 66.799)

Have a look what the booklet for
CIELCh(78, 43.153, 66.799) contains.

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Color

CIELCh(78, 43.149, 66.979)

Conversions

Conversions Part 1

Format	Color
Hex	F5B478
RGB	245, 180, 120
RGB Percent	96%, 71%, 47%
CMY	0.0406, 0.2953, 0.5306
CMYK	0.00, 0.27, 0.51, 0.04
HSL	29°, 86%, 71%
HSV	29°, 51%, 96%
XYZ	57.1623, 53.2120, 24.9315
YIQ	192.5950, 58.0000, -4.8800

Conversions

Conversions Part 2

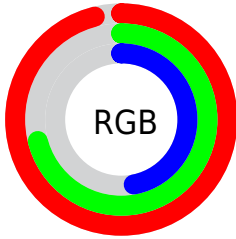
Format	Color
R _Y B	245, 235, 120
Decimal	16102520
CIE Lab	78.00, 16.87, 39.71
CIE LCh	78, 43.149, 66.979
Yxy	53.2120, 0.4225, 0.3933
Android (android.graphics.Color)	4294292600 (0xFFFF5B478)
YUV	192.5950, -35.7893, 45.9592
Hunter-Lab	72.9466, 12.2195, 30.7986

Details

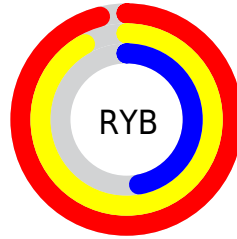
The CIELCh color **78, 43.149, 66.979** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **73, 36.398, 263.075**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 33.033, 94.516**, and **58, 43.170, 66.778** is the 20% darker color. If you saturate the color by 10%, you get **75, 52.732, 65.728**, and if you desaturate by 10%, it is **81, 33.856, 68.215**.

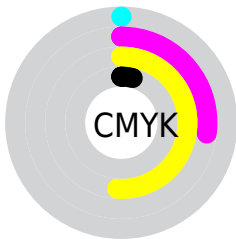
Distribution



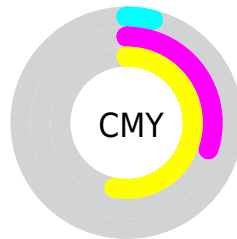
- Red (96%)
- Green (71%)
- Blue (47%)



- Red (96%)
- Yellow (92%)
- Blue (47%)



- Cyan (0%)
- Magenta (27%)
- Yellow (51%)
- Black (4%)



- Cyan (4%)
- Magenta (30%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 43.149, 66.979 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, 43.149, 66.979 by changing the saturation by 10% instead.

 78, 43.149, 66.979

 78, 43.149, 66.979

 100, 43.149,
66.979

 68, 43.149, 66.979

 98, 43.149, 66.979

 58, 43.149, 66.979

 48, 43.149, 66.979

 38, 43.149, 66.979

 28, 43.149, 66.979

 18, 43.149, 66.979

 8, 43.149, 66.979

 0, 43.149, 66.979

 78, 43.149, 66.979

 78, 43.149, 66.979

75, 52.732, 65.728

81, 33.856, 68.215

72, 62.340, 64.387

85, 24.963, 69.440

69, 71.406, 62.817

89, 16.499, 70.658

66, 78.913, 60.729

92, 8.451, 71.852

63, 83.663, 58.264

96, 0.792, 72.544

99, 3.578, 199.364

Harmonies

Complementary

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



78, 43.149, 66.979



73, 36.398, 263.075

Rectangle

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



78, 43.149, 66.979



78, 43.149, 116.979



78, 43.149, 246.979



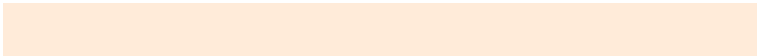
78, 43.149, 296.979

Sweetspot

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



78, 43.149, 66.984



94, 11.960, 71.385



67, 56.664, 347.220



49, 8.204, 71.132



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, 43.149, 66.984



78, 54.476, 65.720



93, 59.835, 103.757



49, 4.322, 72.035



49, 67.875, 58.962



14, 24.651, 59.402

Inverse Universe

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



73, 36.398, 263.075



71, 44.419, 266.275



57, 68.576, 296.597



49, 4.214, 254.518



41, 54.797, 282.072



11, 21.399, 274.613

Previews

White Background



This preview shows how the CIELCh color 78, 43.149, 66.979 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, 43.149, 66.979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

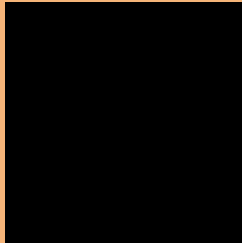
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 43.149, 66.979

Background



This preview shows how black text looks on a background with the CIELCh color 78, 43.149, 66.979.

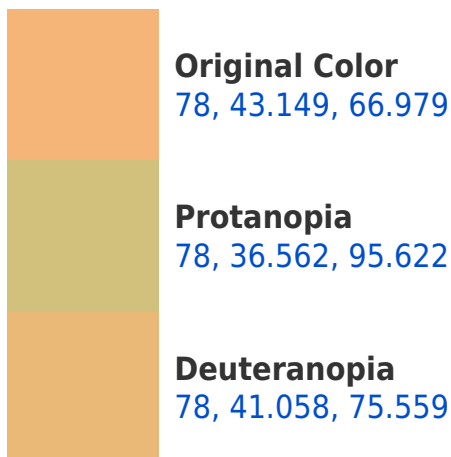


This preview shows how white text looks on a background with the CIELCh color 78, 43.149, 66.979.

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, 30.729, 9.339

Trichromacy



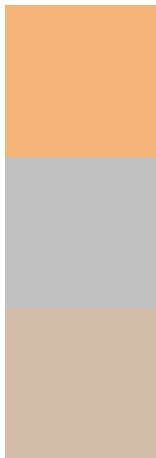
Original Color
78, 43.149, 66.979

Protanomaly
78, 37.691, 83.811

Deuteranomaly
78, 41.787, 72.001

Tritanomaly
78, 30.668, 35.620

Monochromacy



Original Color
78, 43.149, 66.979

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 14.877, 71.593

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 43.149, 66.979 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(245, 180, 120)` looks like.

```
.text, #text, p{  
    color:rgb(245, 180, 120)  
}
```

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(245, 180, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 180, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 43.149, 66.979 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(245, 180, 120) }
```

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

```
.border{ border-color:rgb(245, 180, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 180, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 180, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 180, 120);  
box-shadow:4px 4px 4px 4px rgb(245, 180,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 43.149, 66.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 180, 120) }
```

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

```
.background{ background-color: rgb(245,  
180, 120) }
```

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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