

Converting Colors

CIELCh(78, 43.730, 68.435)

Have a look what the booklet for
CIELCh(78, 43.730, 68.435) contains.

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Color

CIELCh(78, 43.702, 68.103)

Conversions

Conversions Part 1

Format	Color
Hex	F4B476
RGB	244, 180, 118
RGB Percent	96%, 71%, 46%
CMY	0.0429, 0.2939, 0.5371
CMYK	0.00, 0.26, 0.52, 0.04
HSL	30°, 85%, 71%
HSV	30°, 52%, 96%
XYZ	56.9286, 53.2120, 24.4237
YIQ	192.0680, 58.0460, -5.7140

Conversions

Conversions Part 2

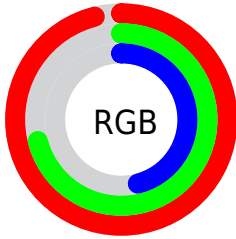
Format	Color
RYB	244, 240, 118
Decimal	16036982
CIELab	78.00, 16.30, 40.55
CIELCh	78, 43.702, 68.103
Yxy	53.2120, 0.4231, 0.3954
Android (android.graphics.Color)	4294227062 (0xFFFF4B476)
YUV	192.0680, -36.5155, 45.5444
Hunter-Lab	72.9466, 11.6476, 31.2113

Details

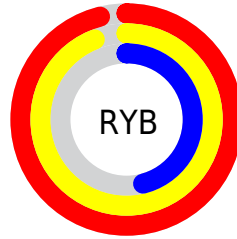
The CIELCh color **78, 43.702, 68.103** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72, 37.252, 264.619**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 34.017, 94.788**, and **58, 43.723, 67.897** is the 20% darker color. If you saturate the color by 10%, you get **75, 53.228, 66.807**, and if you desaturate by 10%, it is **81, 34.427, 69.375**.

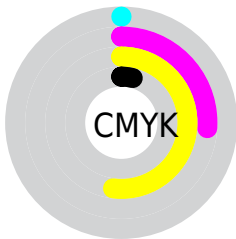
Distribution



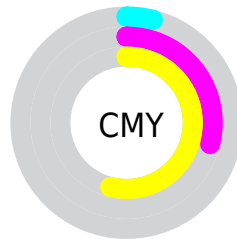
- Red (96%)
- Green (71%)
- Blue (46%)



- Red (96%)
- Yellow (94%)
- Blue (46%)



- Cyan (0%)
- Magenta (26%)
- Yellow (52%)
- Black (4%)



- Cyan (4%)
- Magenta (29%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 43.702, 68.103 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, 43.702, 68.103 by changing the saturation by 10% instead.

 78, 43.702, 68.103

 78, 43.702, 68.103

 100, 43.702,
68.103

 68, 43.702, 68.103

 98, 43.702, 68.103

 58, 43.702, 68.103

 48, 43.702, 68.103

 38, 43.702, 68.103

 28, 43.702, 68.103

 18, 43.702, 68.103

 8, 43.702, 68.103

 0, 43.702, 68.103

 78, 43.702, 68.103

 78, 43.702, 68.103

75, 53.228, 66.807

81, 34.427, 69.375

72, 62.721, 65.410

85, 25.524, 70.631

69, 71.586, 63.768

88, 17.028, 71.876

66, 78.791, 61.590

92, 8.935, 73.094

64, 83.046, 59.233

96, 1.217, 74.006

99, 3.591, 204.052

99, 3.783, 199.341

Harmonies

Complementary

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



78, 43.702, 68.103



72, 37.252, 264.619

Rectangle

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



78, 43.702, 68.103



78, 43.702, 118.103



78, 43.702, 248.103



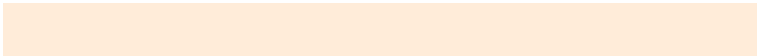
78, 43.702, 298.103

Sweetspot

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



78, 43.702, 68.108



94, 12.040, 72.684



66, 56.603, 348.309



50, 8.257, 72.427



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, 43.702, 68.108



78, 55.537, 66.738



93, 61.173, 104.500



49, 4.354, 73.346



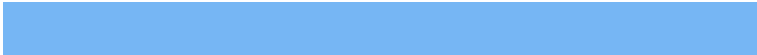
50, 67.520, 59.925



14, 24.636, 60.634

Inverse Universe

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



72, 37.252, 264.619



70, 45.864, 268.001



56, 70.563, 297.321



49, 4.253, 255.855



41, 56.143, 283.309



11, 21.859, 275.949

Previews

White Background



This preview shows how the CIELCh color 78, 43.702, 68.103 looks on a white background.

Color Contrast Check

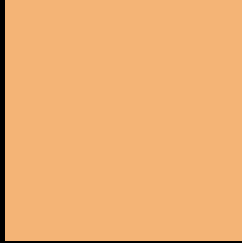
Large Text (above 18pt) WCAG AA × Fail

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, 43.702, 68.103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

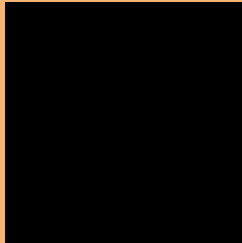
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 43.702, 68.103

Background



This preview shows how black text looks on a background with the CIELCh color 78, 43.702, 68.103.

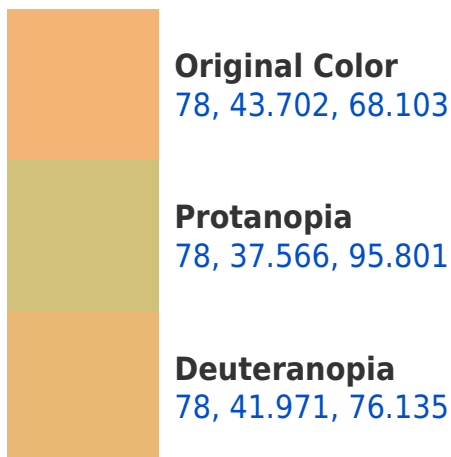


This preview shows how white text looks on a background with the CIELCh color 78, 43.702, 68.103.

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, 43.702, 68.103

Protanomaly
78, 38.479, 84.842

Deuteranomaly
78, 42.812, 73.433

Tritanomaly
78, 30.668, 35.620

Monochromacy



Original Color
78, 43.702, 68.103

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 15.315, 72.715

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 43.702, 68.103 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(244, 180, 118)` looks like.

```
.text, #text, p{  
    color:rgb(244, 180, 118)  
}
```

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(244, 180, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 180, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 43.702, 68.103 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(244, 180, 118) }
```

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

```
.border{ border-color:rgb(244, 180, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 180, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 180, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 180, 118);  
box-shadow:4px 4px 4px 4px rgb(244, 180,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 43.702, 68.103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 180, 118) }
```

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

```
.background{ background-color: rgb(244,  
180, 118) }
```

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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