

Converting Colors

CIELCh(78, 46.884, 70.816)

Have a look what the booklet for
CIELCh(78, 46.884, 70.816) contains.

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Color

CIELCh(78, 46.819, 71.071)

Conversions

Conversions Part 1

Format	Color
Hex	F4B56F
RGB	244, 181, 111
RGB Percent	96%, 71%, 44%
CMY	0.0446, 0.2915, 0.5660
CMYK	0.00, 0.26, 0.55, 0.04
HSL	32°, 85%, 69%
HSV	32°, 55%, 96%
XYZ	56.4799, 53.2120, 22.2385
YIQ	191.8570, 60.0180, -8.4140

Conversions

Conversions Part 2

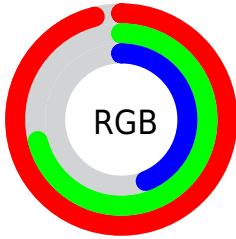
Format	Color
RYB	231, 244, 111
Decimal	16037231
CIELab	78.00, 15.19, 44.29
CIELCh	78, 46.819, 71.071
Yxy	53.2120, 0.4281, 0.4033
Android (android.graphics.Color)	4294227311 (0xFFFF4B56F)
YUV	191.8570, -39.8625, 45.7294
Hunter-Lab	72.9466, 10.5495, 32.9874

Details

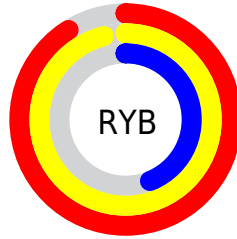
The CIELCh color **78, 46.819, 71.071** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **69, 41.042, 269.255**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 37.834, 96.301**, and **58, 46.840, 70.753** is the 20% darker color. If you saturate the color by 10%, you get **75, 56.210, 69.653**, and if you desaturate by 10%, it is **81, 37.524, 72.437**.

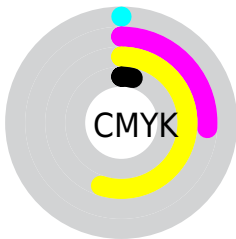
Distribution



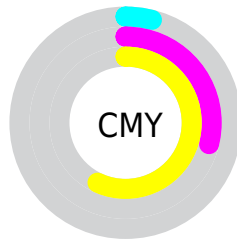
- Red (96%)
- Green (71%)
- Blue (44%)



- Red (91%)
- Yellow (96%)
- Blue (44%)



- Cyan (0%)
- Magenta (26%)
- Yellow (55%)
- Black (4%)



- Cyan (4%)
- Magenta (29%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 46.819, 71.071 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, 46.819, 71.071 by changing the saturation by 10% instead.

78, 46.819, 71.071

78, 46.819, 71.071

100, 46.819,
71.071

68, 46.819, 71.071

98, 46.819, 71.071

58, 46.819, 71.071

48, 46.819, 71.071

38, 46.819, 71.071

28, 46.819, 71.071

18, 46.819, 71.071

8, 46.819, 71.071

0, 46.819, 71.071

78, 46.819, 71.071

78, 46.819, 71.071

75, 56.210, 69.653

81, 37.524, 72.437

72, 65.318, 68.089

84, 28.504, 73.770

69, 73.415, 66.211

88, 19.827, 75.079

67, 79.397, 63.711

91, 11.506, 76.359

65, 81.759, 62.115

94, 3.529, 77.547

98, 3.369, 250.462

99, 3.931, 199.325

Harmonies

Complementary

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



78, 46.819, 71.071



69, 41.042, 269.255

Rectangle

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



78, 46.819, 71.071



78, 46.819, 121.071



78, 46.819, 251.071



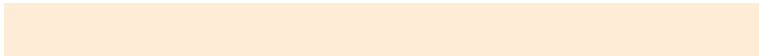
78, 46.819, 301.071

Sweetspot

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



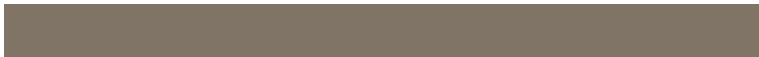
78, 46.819, 71.075



94, 13.153, 76.174



65, 58.407, 350.880



50, 8.920, 75.912



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, 46.819, 71.075



78, 58.756, 69.566



94, 65.094, 105.824



49, 4.456, 76.987



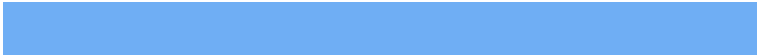
51, 66.619, 62.793



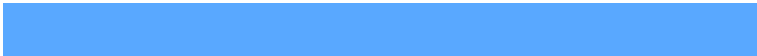
15, 24.659, 64.190

Inverse Universe

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



69, 41.042, 269.255



67, 50.473, 272.782



53, 76.251, 298.903



49, 4.375, 259.548



39, 60.112, 286.584



10, 23.236, 279.524

Previews

White Background



This preview shows how the CIELCh color 78, 46.819, 71.071 looks on a white background.

Color Contrast Check

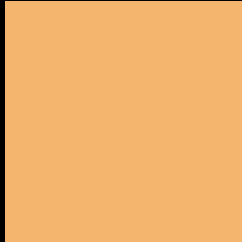
Large Text (above 18pt) WCAG AA × Fail

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, 46.819, 71.071 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, 46.819, 71.071

Background



This preview shows how black text looks on a background with the CIELCh color 78, 46.819, 71.071.



This preview shows how white text looks on a background with the CIELCh color 78, 46.819, 71.071.

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



Original Color


78, 46.819, 71.071

Protanopia

78, 41.637, 95.808

Deuteranopia

78, 45.403, 77.460



Tritanopia
78, 30.729, 9.339

Trichromacy



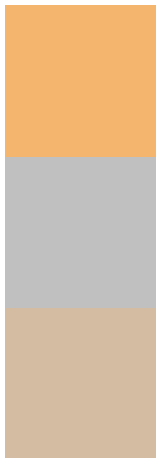
Original Color
78, 46.819, 71.071

Protanomaly
78, 42.780, 86.543

Deuteranomaly
78, 45.953, 75.365

Tritanomaly
78, 31.307, 38.282

Monochromacy



Original Color
78, 46.819, 71.071

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 16.664, 75.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 46.819, 71.071 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, 181, 111)` looks like.

```
.text, #text, p{  
    color:rgb(244, 181, 111)  
}
```

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, 181, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 181, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 46.819, 71.071 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, 181, 111) }
```

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

```
.border{ border-color:rgb(244, 181, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 181, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 181, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 181, 111);  
box-shadow:4px 4px 4px 4px rgb(244, 181,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 46.819, 71.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 181, 111) }
```

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

```
.background{ background-color: rgb(244,  
181, 111) }
```

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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