

Converting Colors

CIELCh(86, 45.027, 89.188)

Have a look what the booklet for
CIELCh(86, 45.027, 89.188) contains.

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Color

CIELCh(86, 44.992, 89.214)

Conversions

Conversions Part 1

Format	Color
Hex	F4D481
RGB	244, 212, 129
RGB Percent	96%, 83%, 51%
CMY	0.0427, 0.1682, 0.4937
CMYK	0.00, 0.13, 0.47, 0.04
HSL	43°, 84%, 73%
HSV	43°, 47%, 96%
XYZ	64.8922, 67.9871, 30.5094
YIQ	212.1060, 45.7150, -19.0290

Conversions

Conversions Part 2

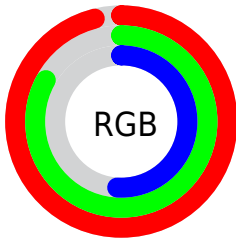
Format	Color
RYB	173, 244, 129
Decimal	16045185
CIELab	86.00, 0.62, 44.99
CIElCh	86, 44.992, 89.214
Yxy	67.9871, 0.3972, 0.4161
Android (android.graphics.Color)	4294235265 (0xFFFF4D481)
YUV	212.1060, -40.9713, 27.9710
Hunter-Lab	82.4543, -3.8140, 35.7798

Details

The CIELCh color **86, 44.992, 89.214** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **67, 46.259, 283.512**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 36.170, 107.421**, and **66, 44.952, 89.268** is the 20% darker color. If you saturate the color by 10%, you get **84, 54.413, 87.823**, and if you desaturate by 10%, it is **88, 35.357, 90.573**.

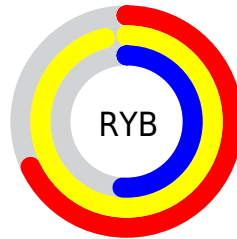
Distribution



Red (96%)

Green (83%)

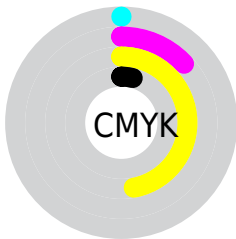
Blue (51%)



Red (68%)

Yellow (96%)

Blue (51%)

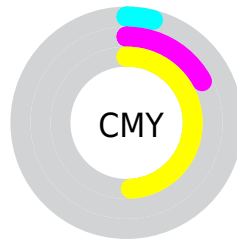


Cyan (0%)

Magenta (13%)

Yellow (47%)

Black (4%)



Cyan (4%)

Magenta (17%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 44.992, 89.214 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 86, 44.992, 89.214 by changing the saturation by 10% instead.

 86, 44.992, 89.214

 86, 44.992, 89.214

 100, 44.992,
89.214

 76, 44.992, 89.214

 66, 44.992, 89.214

 56, 44.992, 89.214

 46, 44.992, 89.214

 36, 44.992, 89.214

 26, 44.992, 89.214

 16, 44.992, 89.214

 6, 44.992, 89.214

 0, 44.992, 89.214

86, 44.992, 89.214

86, 44.992, 89.214

84, 54.413, 87.823

88, 35.357, 90.573

82, 63.274, 86.371

90, 25.694, 91.891

80, 71.007, 84.817

92, 16.104, 93.169

78, 76.785, 83.071

95, 6.636, 94.391

77, 79.824, 80.998

97, 2.688, 275.713

76, 80.404, 80.363

99, 3.197, 219.238

99, 3.758, 199.343

Harmonies

Complementary

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



86, 44.992, 89.214



67, 46.259, 283.512

Rectangle

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



86, 44.992, 89.214



86, 44.992, 139.214



86, 44.992, 269.214



86, 44.992, 319.214

Sweetspot

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



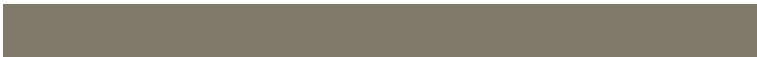
86, 44.993, 89.218



97, 13.616, 93.553



68, 47.434, 3.406



51, 9.416, 93.284



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 44.993, 89.218



87, 56.259, 87.820



92, 58.013, 115.544



50, 5.327, 94.109



60, 65.670, 80.801



18, 26.625, 83.548

Inverse Universe

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



67, 46.259, 283.512



64, 58.767, 286.150



61, 65.084, 302.920



48, 5.355, 276.519



29, 83.880, 299.405



6, 31.657, 293.360

Previews

White Background



This preview shows how the CIELCh color 86, 44.992, 89.214 looks on a white background.

Color Contrast Check

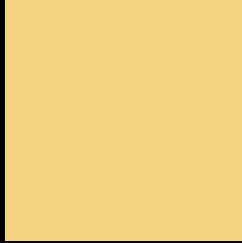
Large Text (above 18pt) WCAG AA × Fail

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 86, 44.992, 89.214 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 86, 44.992, 89.214

Background



This preview shows how black text looks on a background with the CIELCh color 86, 44.992, 89.214.



This preview shows how white text looks on a background with the CIELCh color 86, 44.992, 89.214.

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](#).

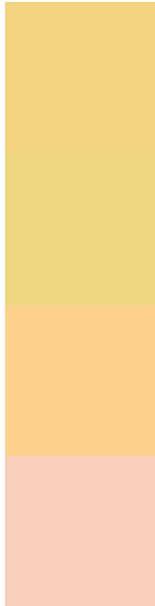
Dichromacy





Tritanopia
86, 20.329, 358.439

Trichromacy



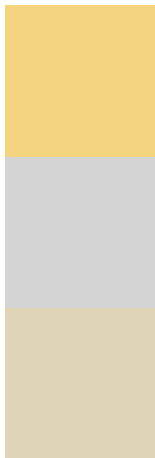
Original Color
86, 44.992, 89.214

Protanomaly
86, 44.447, 93.489

Deuteranomaly
86, 40.126, 81.400

Tritanomaly
86, 20.486, 52.542

Monochromacy



Original Color
86, 44.992, 89.214

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 16.356, 92.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 44.992, 89.214 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, 212, 129)` looks like.

```
.text, #text, p{  
    color:rgb(244, 212, 129)  
}
```

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, 212, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 212, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 44.992, 89.214 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, 212, 129) }
```

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

```
.border{ border-color:rgb(244, 212, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 212, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 212, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 212, 129);  
box-shadow:4px 4px 4px 4px rgb(244, 212,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 44.992, 89.214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 212, 129) }
```

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

```
.background{ background-color: rgb(244,  
212, 129) }
```

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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