

Converting Colors

CIELCh(86, 44.408, 96.230)

Have a look what the booklet for
CIELCh(86, 44.408, 96.230) contains.

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Color

CIELCh(86, 44.440, 96.208)

Conversions

Conversions Part 1

Format	Color
Hex	EAD782
RGB	234, 215, 130
RGB Percent	92%, 84%, 51%
CMY	0.0807, 0.1553, 0.4887
CMYK	0.00, 0.08, 0.44, 0.08
HSL	49°, 72%, 72%
HSV	49°, 44%, 92%
XYZ	62.5238, 67.9871, 31.0782
YIQ	210.9910, 38.6090, -22.4070

Conversions

Conversions Part 2

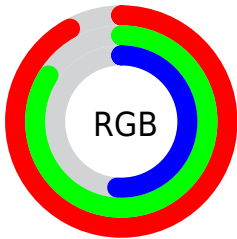
Format	Color
RYB	153, 234, 130
Decimal	15390594
CIELab	86.00, -4.81, 44.18
CIELCh	86, 44.440, 96.208
Yxy	67.9871, 0.3869, 0.4207
Android (android.graphics.Color)	4293580674 (0xFFEAD782)
YUV	210.9910, -39.9286, 20.1789
Hunter-Lab	82.4543, -8.9413, 35.3708

Details

The CIELCh color **86, 44.440, 96.208** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **64, 47.516, 288.479**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 35.677, 107.459**, and **66, 44.016, 96.165** is the 20% darker color. If you saturate the color by 10%, you get **85, 54.022, 94.991**, and if you desaturate by 10%, it is **87, 34.529, 97.423**.

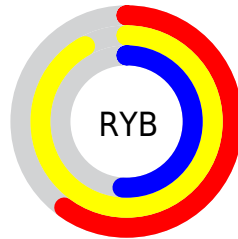
Distribution



Red (92%)

Green (84%)

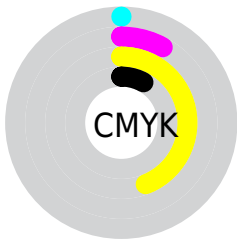
Blue (51%)



Red (60%)

Yellow (92%)

Blue (51%)

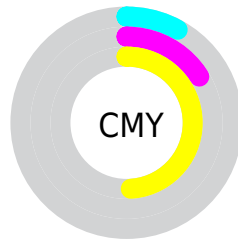


Cyan (0%)

Magenta (8%)

Yellow (44%)

Black (8%)



Cyan (8%)

Magenta (16%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 44.440, 96.208 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, 44.440, 96.208 by changing the saturation by 10% instead.

 86, 44.440, 96.208

 86, 44.440, 96.208

 100, 44.440,
96.208

 76, 44.440, 96.208

 66, 44.440, 96.208

 56, 44.440, 96.208

 46, 44.440, 96.208

 36, 44.440, 96.208

 26, 44.440, 96.208

 16, 44.440, 96.208

 6, 44.440, 96.208

 0, 44.440, 96.208

86, 44.440, 96.208

86, 44.440, 96.208

85, 54.022, 94.991

87, 34.529, 97.423

83, 62.942, 93.767

89, 24.479, 98.616

82, 70.688, 92.532

91, 14.404, 99.782

81, 76.552, 91.267

92, 4.367, 100.895

80, 79.835, 89.919

94, 5.599, 282.063

79, 80.721, 89.120

95, 7.457, 272.871

96, 6.136, 252.836

97, 5.842, 227.041

98, 6.701, 203.644

Harmonies

Complementary

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



86, 44.440, 96.208



64, 47.516, 288.479

Rectangle

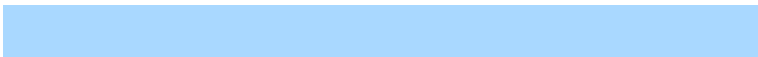
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 44.440, 96.208



86, 44.440, 146.208



86, 44.440, 276.208



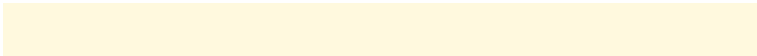
86, 44.440, 326.208

Sweetspot

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



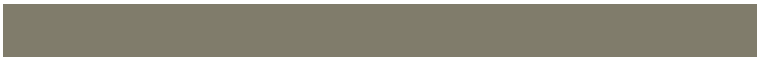
86, 44.441, 96.212



98, 13.933, 99.934



66, 42.578, 10.347



52, 9.757, 99.680



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, 44.441, 96.212



91, 56.437, 95.131



89, 54.014, 119.938



48, 5.682, 100.341



63, 66.621, 89.378



18, 26.083, 91.782

Inverse Universe

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



64, 47.516, 288.479



63, 61.712, 290.547



62, 59.329, 305.617



46, 5.755, 282.560



25, 92.037, 302.945



4, 31.238, 294.026

Previews

White Background



This preview shows how the CIELCh color 86, 44.440, 96.208 looks on a white background.

Color Contrast Check

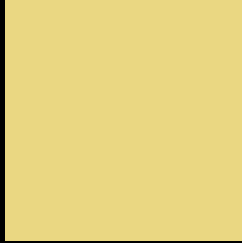
Large Text (above 18pt) WCAG AA × Fail

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, 44.440, 96.208 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, 44.440, 96.208

Background



This preview shows how black text looks on a background with the CIELCh color 86, 44.440, 96.208.



This preview shows how white text looks on a background with the CIELCh color 86, 44.440, 96.208.

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

86, 44.440, 96.208

Protanopia

86, 44.523, 95.682

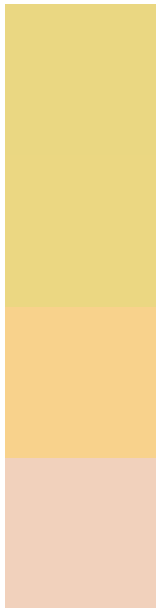
Deuteranopia

86, 37.806, 75.898



Tritanopia
86, 16.500, 350.268

Trichromacy



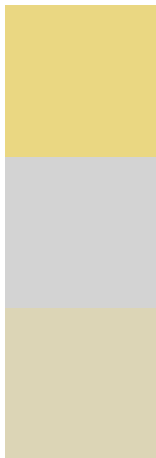
Original Color
86, 44.440, 96.208

Protanomaly
86, 44.523, 95.682

Deuteranomaly
86, 39.813, 83.800

Tritanomaly
86, 16.586, 61.203

Monochromacy



Original Color
86, 44.440, 96.208

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 16.420, 99.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 44.440, 96.208 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(234, 215, 130)` looks like.

```
.text, #text, p{  
    color:rgb(234, 215, 130)  
}
```

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(234, 215, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 215, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 44.440, 96.208 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(234, 215, 130) }
```

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

```
.border{ border-color:rgb(234, 215, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 215, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 215, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 215, 130); box-shadow:4px 4px 4px 4px rgb(234, 215, 130) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 44.440, 96.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 215, 130) }
```

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

```
.background{ background-color: rgb(234,  
215, 130) }
```

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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