

Converting Colors

CIELCh(86, 47.589, 95.036)

Have a look what the booklet for
CIELCh(86, 47.589, 95.036) contains.

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Color

CIELCh(86, 47.589, 95.036)

Conversions

Conversions Part 1

Format	Color
Hex	EDD77C
RGB	237, 215, 124
RGB Percent	93%, 84%, 49%
CMY	0.0710, 0.1572, 0.5141
CMYK	0.00, 0.09, 0.48, 0.07
HSL	48°, 76%, 71%
HSV	48°, 48%, 93%
XYZ	62.7952, 67.9871, 28.8497
YIQ	211.2040, 42.3230, -23.6370

Conversions

Conversions Part 2

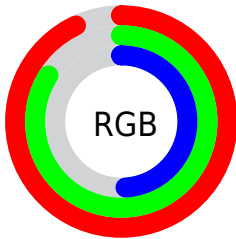
Format	Color
RYB	151, 237, 124
Decimal	15587196
CIELab	86.00, -4.18, 47.41
CIElCh	86, 47.589, 95.036
Yxy	67.9871, 0.3934, 0.4259
Android (android.graphics.Color)	4293777276 (0xFFEDD77C)
YUV	211.2040, -42.9916, 22.6231
Hunter-Lab	82.4543, -8.3538, 36.9732

Details

The CIELCh color **86, 47.589, 95.036** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **62, 51.027, 288.601**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 38.628, 107.231**, and **66, 47.607, 94.798** is the 20% darker color. If you saturate the color by 10%, you get **85, 57.028, 93.793**, and if you desaturate by 10%, it is **88, 37.749, 96.274**.

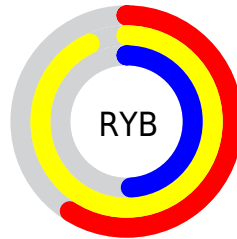
Distribution



Red (93%)

Green (84%)

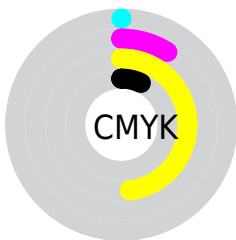
Blue (49%)



Red (59%)

Yellow (93%)

Blue (49%)

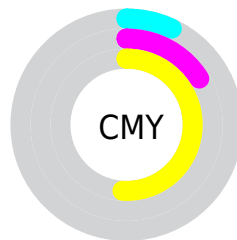


Cyan (0%)

Magenta (9%)

Yellow (48%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 47.589, 95.036 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, 47.589, 95.036 by changing the saturation by 10% instead.

 86, 47.589, 95.036

 86, 47.589, 95.036

 100, 47.589,
95.036

 76, 47.589, 95.036

 66, 47.589, 95.036

 56, 47.589, 95.036

 46, 47.589, 95.036

 36, 47.589, 95.036

 26, 47.589, 95.036

 16, 47.589, 95.036

 6, 47.589, 95.036

 0, 47.589, 95.036

86, 47.589, 95.036

86, 47.589, 95.036

85, 57.028, 93.793

88, 37.749, 96.274

83, 65.679, 92.534

89, 27.734, 97.491

82, 72.954, 91.249

91, 17.678, 98.682

81, 78.093, 89.900

92, 7.655, 99.832

79, 80.535, 88.423

94, 2.296, 281.057

79, 80.903, 88.074

96, 6.640, 273.646

97, 5.288, 248.663

98, 5.338, 217.145

99, 6.214, 199.118

Harmonies

Complementary

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



86, 47.589, 95.036



62, 51.027, 288.601

Rectangle

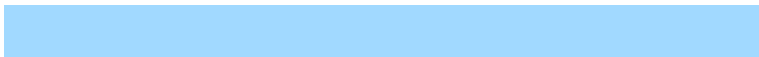
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 47.589, 95.036



86, 47.589, 145.036



86, 47.589, 275.036



86, 47.589, 325.036

Sweetspot

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



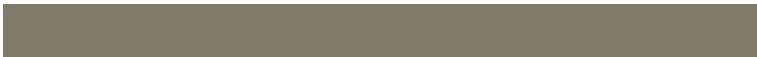
86, 47.590, 95.040



97, 14.828, 99.107



65, 46.362, 9.774



52, 10.245, 98.855



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, 47.590, 95.040



90, 59.845, 93.851



89, 58.092, 119.084



48, 5.612, 99.634



62, 66.247, 88.363



18, 25.824, 90.859

Inverse Universe

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



62, 51.027, 288.601



60, 65.822, 290.959



60, 64.533, 305.416



46, 5.679, 281.876



25, 90.912, 302.576



4, 30.950, 293.746

Previews

White Background



This preview shows how the CIELCh color 86, 47.589, 95.036 looks on a white background.

Color Contrast Check

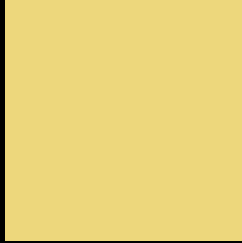
Large Text (above 18pt) WCAG AA × Fail

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, 47.589, 95.036 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, 47.589, 95.036

Background



This preview shows how black text looks on a background with the CIELCh color 86, 47.589, 95.036.



This preview shows how white text looks on a background with the CIELCh color 86, 47.589, 95.036.

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, 47.589, 95.036

Protanopia

86, 47.501, 95.531

Deuteranopia

86, 38.711, 76.543



Tritanopia
86, 17.476, 352.233

Trichromacy



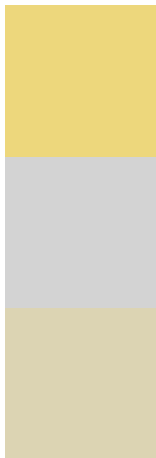
Original Color
86, 47.589, 95.036

Protanomaly
86, 47.501, 95.531

Deuteranomaly
86, 41.233, 84.430

Tritanomaly
86, 18.235, 61.058

Monochromacy



Original Color
86, 47.589, 95.036

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 17.529, 98.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 47.589, 95.036 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(237, 215, 124)` looks like.

```
.text, #text, p{  
    color:rgb(237, 215, 124)  
}
```

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(237, 215, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 215, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 47.589, 95.036 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(237, 215, 124) }
```

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

```
.border{ border-color:rgb(237, 215, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 215, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 215, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 215, 124);  
box-shadow:4px 4px 4px 4px rgb(237, 215,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 47.589, 95.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 215, 124) }
```

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

```
.background{ background-color: rgb(237,  
215, 124) }
```

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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