

Converting Colors

CIELCh(85, 60.266, 98.888)

Have a look what the booklet for
CIELCh(85, 60.266, 98.888) contains.

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Color

CIELCh(85, 60.443, 98.907)

Conversions

Conversions Part 1

Format	Color
Hex	E6D75F
RGB	230, 215, 95
RGB Percent	90%, 84%, 37%
CMY	0.0995, 0.1582, 0.6287
CMYK	0.00, 0.07, 0.59, 0.10
HSL	53°, 73%, 64%
HSV	53°, 59%, 90%
XYZ	58.7781, 66.0070, 20.3901
YIQ	205.8050, 47.4600, -34.1400

Conversions

Conversions Part 2

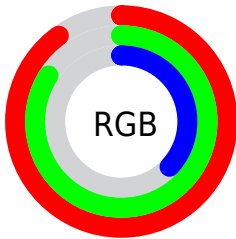
Format	Color
RYB	112, 230, 95
Decimal	15128415
CIELab	85.00, -9.36, 59.71
CIELCh	85, 60.443, 98.907
Yxy	66.0070, 0.4049, 0.4547
Android (android.graphics.Color)	4293318495 (0xFFE6D75F)
YUV	205.8050, -54.6269, 21.2190
Hunter-Lab	81.2447, -13.0389, 41.9912

Details

The CIELCh color **85, 60.443, 98.907** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **51, 69.486, 295.255**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 52.583, 106.154**, and **65, 60.538, 98.952** is the 20% darker color. If you saturate the color by 10%, you get **84, 68.935, 97.887**, and if you desaturate by 10%, it is **86, 50.946, 99.976**.

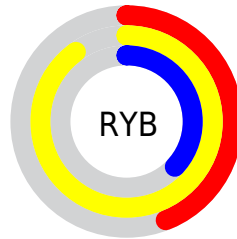
Distribution



Red (90%)

Green (84%)

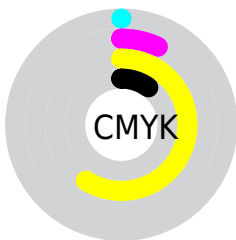
Blue (37%)



Red (44%)

Yellow (90%)

Blue (37%)

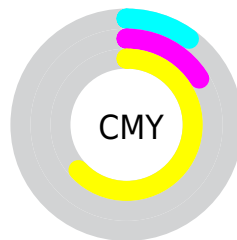


Cyan (0%)

Magenta (7%)

Yellow (59%)

Black (10%)



Cyan (10%)

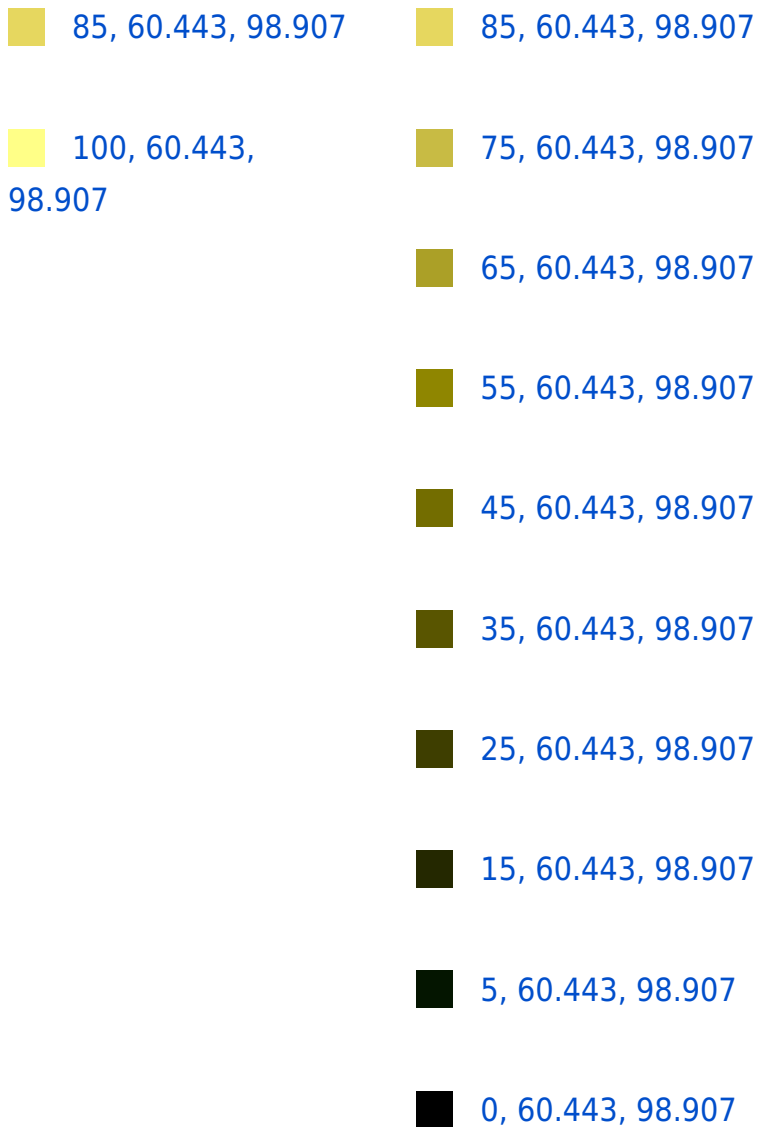
Magenta (16%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 60.443, 98.907 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 85, 60.443, 98.907 by changing the saturation by 10% instead.



85, 60.443, 98.907

85, 60.443, 98.907

84, 68.935, 97.887

86, 50.946, 99.976

83, 75.832, 96.922

87, 40.860,
101.067

83, 80.473, 96.016

88, 30.457,
102.167

82, 82.591, 95.151

82, 82.782, 95.047

89, 19.901,
103.260

90, 9.293, 104.331

91, 1.310, 285.491

93, 11.659,
286.318

93, 10.429,
280.838

94, 9.319, 274.004

Harmonies

Complementary

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



85, 60.443, 98.907



51, 69.486, 295.255

Rectangle

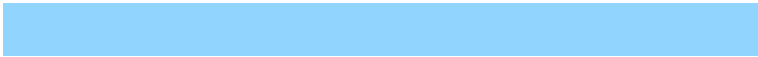
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 60.443, 98.907



85, 60.443, 148.907



85, 60.443, 278.907



85, 60.443, 328.907

Sweetspot

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



85, 60.444, 98.910



98, 20.775, 103.333



58, 56.676, 18.832



52, 14.434, 103.015



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 60.444, 98.910



92, 76.784, 97.627



85, 69.695, 122.072



48, 6.014, 104.260



65, 68.643, 95.186



18, 26.469, 97.123

Inverse Universe

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



51, 69.486, 295.255



48, 93.342, 298.518



52, 78.399, 308.708



44, 6.117, 286.340



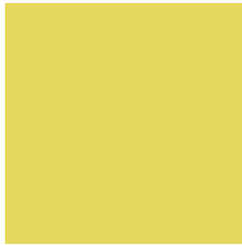
23, 96.756, 304.708



3, 31.091, 294.524

Previews

White Background



This preview shows how the CIELCh color 85, 60.443, 98.907 looks on a white background.

Color Contrast Check

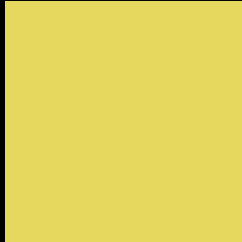
Large Text (above 18pt) WCAG AA × Fail

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 85, 60.443, 98.907 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 85, 60.443, 98.907

Background



This preview shows how black text looks on a background with the CIELCh color 85, 60.443, 98.907.

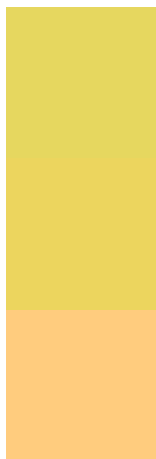


This preview shows how white text looks on a background with the CIELCh color 85, 60.443, 98.907.

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


85, 60.443, 98.907

Protanopia

85, 60.579, 95.635

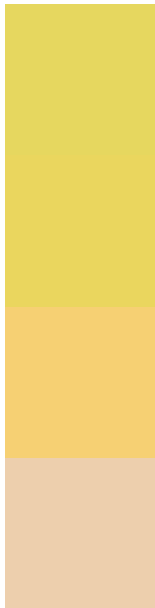
Deuteranopia

85, 46.329, 78.957



Tritanopia
85, 16.302, 351.900

Trichromacy



Original Color
85, 60.443, 98.907

Protanomaly
85, 60.767, 96.879

Deuteranomaly
85, 50.703, 87.449

Tritanomaly
85, 21.481, 75.255

Monochromacy



Original Color
85, 60.443, 98.907

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 23.118, 103.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 60.443, 98.907 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(230, 215, 95)` looks like.

```
.text, #text, p{  
    color:rgb(230, 215, 95)  
}
```

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(230, 215, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 215, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 60.443, 98.907 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(230, 215, 95) }
```

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

```
.border{ border-color:rgb(230, 215, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 215, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 215, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 215, 95);  
box-shadow:4px 4px 4px 4px rgb(230, 215,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 60.443, 98.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 215, 95) }
```

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

```
.background{ background-color: rgb(230,  
215, 95) }
```

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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