

Converting Colors

CIELCh(86, 60.074, 98.149)

Have a look what the booklet for
CIELCh(86, 60.074, 98.149) contains.

CIELCh(86, 60.074, 98.149)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(86, 60.074, 98.149)

Conversions

Conversions Part 1

Format	Color
Hex	EAD962
RGB	234, 217, 98
RGB Percent	92%, 85%, 38%
CMY	0.0824, 0.1491, 0.6157
CMYK	0.00, 0.07, 0.58, 0.08
HSL	53°, 76%, 65%
HSV	53°, 58%, 92%
XYZ	60.9372, 67.9871, 21.4619
YIQ	208.5170, 48.3310, -33.4050

Conversions

Conversions Part 2

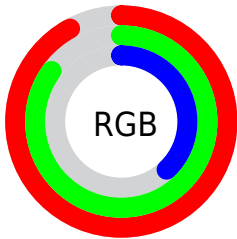
Format	Color
RYB	117, 234, 98
Decimal	15391074
CIELab	86.00, -8.52, 59.47
CIELCh	86, 60.074, 98.149
Yxy	67.9871, 0.4052, 0.4521
Android (android.graphics.Color)	4293581154 (0xFFEAD962)
YUV	208.5170, -54.4849, 22.3486
Hunter-Lab	82.4543, -12.3759, 42.2855

Details

The CIELCh color **86, 60.074, 98.149** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **53, 68.510, 294.505**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 51.169, 106.263**, and **66, 59.993, 98.138** is the 20% darker color. If you saturate the color by 10%, you get **85, 68.733, 97.086**, and if you desaturate by 10%, it is **87, 50.454, 99.251**.

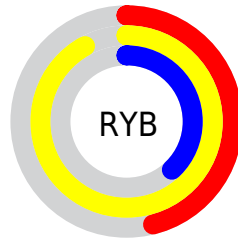
Distribution



Red (92%)

Green (85%)

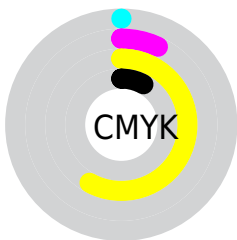
Blue (38%)



Red (46%)

Yellow (92%)

Blue (38%)

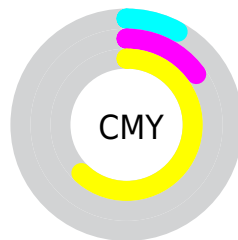


Cyan (0%)

Magenta (7%)

Yellow (58%)

Black (8%)



Cyan (8%)

Magenta (15%)

Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 60.074, 98.149 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, 60.074, 98.149 by changing the saturation by 10% instead.

 86, 60.074, 98.149

 86, 60.074, 98.149

 100, 60.074,
98.149

 76, 60.074, 98.149

 66, 60.074, 98.149

 56, 60.074, 98.149

 46, 60.074, 98.149

 36, 60.074, 98.149

 26, 60.074, 98.149

 16, 60.074, 98.149

 6, 60.074, 98.149

 0, 60.074, 98.149

86, 60.074, 98.149

86, 60.074, 98.149

85, 68.733, 97.086

87, 50.454, 99.251

84, 75.839, 96.063

88, 40.283,
100.368

83, 80.702, 95.080

89, 29.824,
101.489

83, 82.942, 94.115

90, 19.234,
102.599

82, 83.226, 93.934

92, 8.608, 103.683

93, 1.999, 284.828

94, 9.095, 283.394

95, 7.791, 274.473

96, 6.744, 262.453

Harmonies

Complementary

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



86, 60.074, 98.149



53, 68.510, 294.505

Rectangle

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



86, 60.074, 98.149



86, 60.074, 148.149



86, 60.074, 278.149



86, 60.074, 328.149

Sweetspot

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



86, 60.075, 98.152



98, 19.345, 102.714



59, 56.676, 17.409



52, 12.940, 102.492



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, 60.075, 98.152



92, 75.196, 96.856



87, 69.790, 121.420



49, 6.035, 103.540



65, 68.769, 94.096



19, 27.427, 95.976

Inverse Universe

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



53, 68.510, 294.505



49, 90.363, 297.696



53, 78.697, 308.203



45, 6.135, 285.651



23, 96.858, 304.437



4, 32.645, 295.315

Previews

White Background



This preview shows how the CIELCh color 86, 60.074, 98.149 looks on a white background.

Color Contrast Check

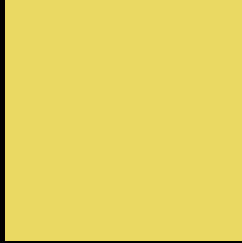
Large Text (above 18pt) WCAG AA × Fail

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, 60.074, 98.149 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, 60.074, 98.149

Background



This preview shows how black text looks on a background with the CIELCh color 86, 60.074, 98.149.



This preview shows how white text looks on a background with the CIELCh color 86, 60.074, 98.149.

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, 60.074, 98.149

Protanopia

86, 60.179, 95.267

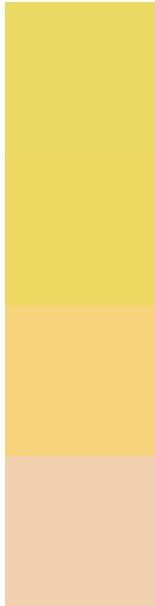
Deuteranopia

86, 41.445, 78.280



Tritanopia
86, 17.153, 351.603

Trichromacy



Original Color
86, 60.074, 98.149

Protanomaly
86, 60.359, 96.517

Deuteranomaly
86, 47.962, 87.858

Tritanomaly
86, 21.462, 72.846

Monochromacy



Original Color
86, 60.074, 98.149

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 22.579, 102.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 60.074, 98.149 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, 217, 98)` looks like.

```
.text, #text, p{  
    color:rgb(234, 217, 98)  
}
```

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, 217, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 217, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 60.074, 98.149 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, 217, 98) }
```

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

```
.border{ border-color:rgb(234, 217, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 217, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 217, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 217, 98);  
box-shadow:4px 4px 4px 4px rgb(234, 217,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 60.074, 98.149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 217, 98) }
```

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

```
.background{ background-color: rgb(234,  
217, 98) }
```

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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