

Converting Colors

CIELCh(86, 48.423, 99.151)

Have a look what the booklet for
CIELCh(86, 48.423, 99.151) contains.

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Color

CIELCh(86, 48.382, 99.139)

Conversions

Conversions Part 1

Format	Color
Hex	E7D97B
RGB	231, 217, 123
RGB Percent	91%, 85%, 48%
CMY	0.0944, 0.1493, 0.5179
CMYK	0.00, 0.06, 0.47, 0.09
HSL	52°, 69%, 69%
HSV	52°, 47%, 91%
XYZ	61.2902, 67.9871, 28.6061
YIQ	210.4700, 38.5180, -26.2660

Conversions

Conversions Part 2

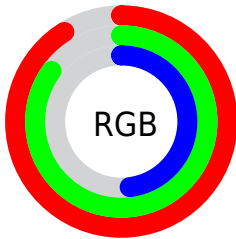
Format	Color
R_{YB}	139, 231, 123
Decimal	15194491
CIE Lab	86.00, -7.68, 47.77
CIE LCh	86, 48.382, 99.139
Yxy	67.9871, 0.3882, 0.4306
Android (android.graphics.Color)	4293384571 (0xFFE7D97B)
YUV	210.4700, -43.1227, 18.0048
Hunter-Lab	82.4543, -11.6118, 37.1484

Details

The CIELCh color **86, 48.382, 99.139** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **60, 53.052, 291.627**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 39.118, 107.193**, and **66, 48.371, 99.183** is the 20% darker color. If you saturate the color by 10%, you get **85, 57.975, 98.031**, and if you desaturate by 10%, it is **87, 38.300, 100.268**.

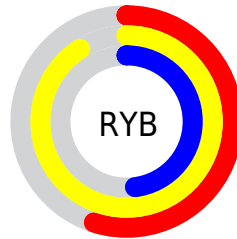
Distribution



Red (91%)

Green (85%)

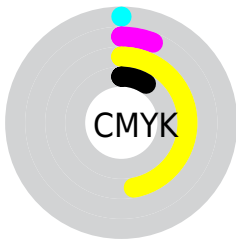
Blue (48%)



Red (55%)

Yellow (91%)

Blue (48%)

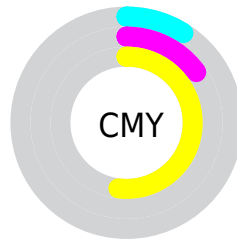


Cyan (0%)

Magenta (6%)

Yellow (47%)

Black (9%)



Cyan (9%)

Magenta (15%)

Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 48.382, 99.139 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, 48.382, 99.139 by changing the saturation by 10% instead.

 86, 48.382, 99.139

 86, 48.382, 99.139

 100, 48.382,
99.139

 76, 48.382, 99.139

 66, 48.382, 99.139

 56, 48.382, 99.139

 46, 48.382, 99.139

 36, 48.382, 99.139

 26, 48.382, 99.139

 16, 48.382, 99.139

 6, 48.382, 99.139

 0, 48.382, 99.139

86, 48.382, 99.139

86, 48.382, 99.139

85, 57.975, 98.031

87, 38.300,
100.268

84, 66.693, 96.948

88, 27.965,
101.393

83, 73.978, 95.902

82, 79.146, 94.893

89, 17.522,
102.505

81, 81.687, 93.896

91, 7.057, 103.586

81, 82.177, 93.573

92, 3.381, 284.707

93, 10.449,
283.587

94, 9.093, 275.780

95, 7.959, 265.555

95, 7.151, 252.565

Harmonies

Complementary

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



86, 48.382, 99.139



60, 53.052, 291.627

Rectangle

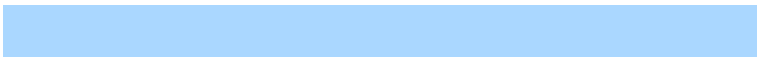
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 48.382, 99.139



86, 48.382, 149.139



86, 48.382, 279.139



86, 48.382, 329.139

Sweetspot

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



86, 48.383, 99.142



98, 15.852, 102.800



64, 44.506, 14.633



52, 10.947, 102.563



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, 48.383, 99.142



93, 62.032, 98.082



87, 56.650, 121.849



48, 5.899, 103.301



64, 67.866, 93.745



18, 26.020, 95.862

Inverse Universe

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



60, 53.052, 291.627



59, 70.127, 293.840



60, 62.115, 307.337



44, 5.994, 285.415



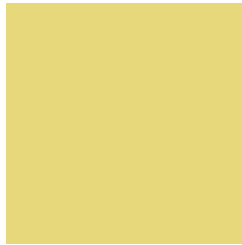
23, 95.441, 304.316



3, 30.662, 294.109

Previews

White Background



This preview shows how the CIELCh color 86, 48.382, 99.139 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, 48.382, 99.139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

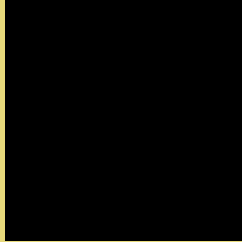
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 48.382, 99.139

Background



This preview shows how black text looks on a background with the CIELCh color 86, 48.382, 99.139.



This preview shows how white text looks on a background with the CIELCh color 86, 48.382, 99.139.

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, 48.382, 99.139

Protanopia

86, 48.457, 95.638

Deuteranopia

86, 38.711, 76.543



Tritanopia
86, 15.833, 346.474

Trichromacy



Original Color
86, 48.382, 99.139

Protanomaly
86, 48.668, 97.165

Deuteranomaly
86, 41.651, 86.426

Tritanomaly
86, 16.230, 67.424

Monochromacy



Original Color
86, 48.382, 99.139

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 18.386, 102.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 48.382, 99.139 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(231, 217, 123)` looks like.

```
.text, #text, p{  
    color:rgb(231, 217, 123)  
}
```

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(231, 217, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 217, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 48.382, 99.139 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(231, 217, 123) }
```

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

```
.border{ border-color:rgb(231, 217, 123) }
```

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

Here you see how a box with a 4 pixel rgb(231, 217, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 217, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 217, 123);  
box-shadow:4px 4px 4px 4px rgb(231, 217,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 48.382, 99.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 217, 123) }
```

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

```
.background{ background-color: rgb(231,  
217, 123) }
```

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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