

Converting Colors

CIELCh(86, 56.092, 95.434)

Have a look what the booklet for
CIELCh(86, 56.092, 95.434) contains.

CIELCh(86, 56.084, 95.405)	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, 56.084, 95.405)

Conversions

Conversions Part 1

Format	Color
Hex	EED76A
RGB	238, 215, 106
RGB Percent	93%, 84%, 42%
CMY	0.0657, 0.1559, 0.5834
CMYK	0.00, 0.10, 0.55, 0.07
HSL	50°, 80%, 68%
HSV	50°, 55%, 93%
XYZ	62.3182, 67.9871, 23.5349
YIQ	209.4510, 48.6970, -29.0230

Conversions

Conversions Part 2

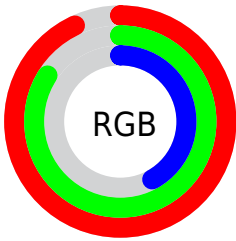
Format	Color
RYB	134, 238, 106
Decimal	15652714
CIELab	86.00, -5.28, 55.83
CIELCh	86, 56.084, 95.405
Yxy	67.9871, 0.4051, 0.4419
Android (android.graphics.Color)	4293842794 (0xFFEED76A)
YUV	209.4510, -51.0013, 25.0375
Hunter-Lab	82.4543, -9.3864, 40.7949

Details

The CIELCh color **86, 56.084, 95.405** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **57, 61.982, 291.530**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 47.360, 106.557**, and **66, 56.195, 95.837** is the 20% darker color. If you saturate the color by 10%, you get **85, 65.043, 94.203**, and if you desaturate by 10%, it is **87, 46.391, 96.614**.

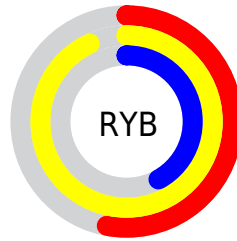
Distribution



Red (93%)

Green (84%)

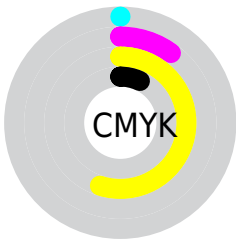
Blue (42%)



Red (53%)

Yellow (93%)

Blue (42%)

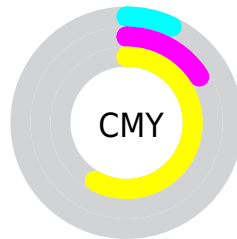


Cyan (0%)

Magenta (10%)

Yellow (55%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 56.084, 95.405 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, 56.084, 95.405 by changing the saturation by 10% instead.

 86, 56.084, 95.405

 86, 56.084, 95.405

 100, 56.084,
95.405

 76, 56.084, 95.405

 66, 56.084, 95.405

 56, 56.084, 95.405

 46, 56.084, 95.405

 36, 56.084, 95.405

 26, 56.084, 95.405

 16, 56.084, 95.405

 6, 56.084, 95.405

 0, 56.084, 95.405

86, 56.084, 95.405

86, 56.084, 95.405

85, 65.043, 94.203

87, 46.391, 96.614

84, 72.718, 92.995

89, 36.316, 97.814

82, 78.381, 91.763

90, 26.072, 99.000

81, 81.368, 90.459

92, 15.783,
100.161

81, 82.056, 89.836

93, 5.521, 101.277

95, 4.678, 282.439

96, 5.829, 269.709

97, 4.803, 243.552

98, 5.061, 213.174

Harmonies

Complementary

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



86, 56.084, 95.405



57, 61.982, 291.530

Rectangle

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



86, 56.084, 95.405



86, 56.084, 145.405



86, 56.084, 275.405



86, 56.084, 325.405

Sweetspot

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



86, 56.085, 95.408



97, 18.401, 99.972



62, 54.396, 12.877



51, 12.314, 99.739



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



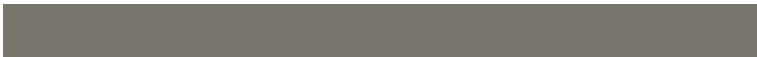
86, 56.085, 95.408



90, 69.205, 94.103



89, 67.140, 119.450



49, 5.835, 100.832



64, 67.595, 90.079



19, 27.519, 92.261

Inverse Universe

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



57, 61.982, 291.530



54, 79.530, 294.428



55, 75.981, 306.601



47, 5.913, 283.040



25, 93.859, 303.218



5, 33.262, 295.404

Previews

White Background



This preview shows how the CIELCh color 86, 56.084, 95.405 looks on a white background.

Color Contrast Check

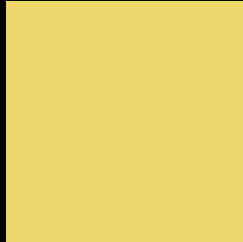
Large Text (above 18pt) WCAG AA × Fail

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, 56.084, 95.405 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, 56.084, 95.405

Background



This preview shows how black text looks on a background with the CIELCh color 86, 56.084, 95.405.



This preview shows how white text looks on a background with the CIELCh color 86, 56.084, 95.405.

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, 56.084, 95.405

Protanopia

86, 56.084, 95.405

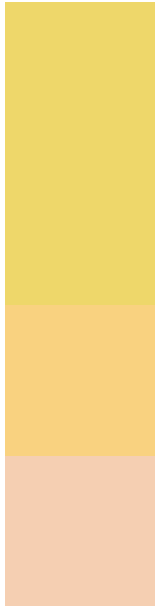
Deuteranopia

86, 40.531, 77.732



Tritanopia
86, 18.805, 354.558

Trichromacy



Original Color
86, 56.084, 95.405

Protanomaly
86, 56.084, 95.405

Deuteranomaly
86, 45.649, 85.537

Tritanomaly
86, 21.427, 64.762

Monochromacy



Original Color
86, 56.084, 95.405

Achromatopsia
84, 0.010, 296.813

Achromatomaly
85, 21.131, 99.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 56.084, 95.405 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(238, 215, 106)` looks like.

```
.text, #text, p{  
    color:rgb(238, 215, 106)  
}
```

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(238, 215, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 215, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 56.084, 95.405 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(238, 215, 106) }
```

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

```
.border{ border-color:rgb(238, 215, 106) }
```

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

Here you see how a box with a 4 pixel rgb(238, 215, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 215, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 215, 106);  
box-shadow:4px 4px 4px 4px rgb(238, 215,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 56.084, 95.405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 215, 106) }
```

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

```
.background{ background-color: rgb(238,  
215, 106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor