

Converting Colors

CIELCh(86, 38.964, 95.993)

Have a look what the booklet for
CIELCh(86, 38.964, 95.993) contains.

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Color

CIELCh(86, 38.964, 95.993)

Conversions

Conversions Part 1

Format	Color
Hex	E9D78D
RGB	233, 215, 141
RGB Percent	91%, 84%, 55%
CMY	0.0855, 0.1561, 0.4463
CMYK	0.00, 0.08, 0.39, 0.09
HSL	48°, 68%, 73%
HSV	48°, 39%, 91%
XYZ	62.8425, 67.9871, 35.0822
YIQ	211.9460, 34.4820, -19.1980

Conversions

Conversions Part 2

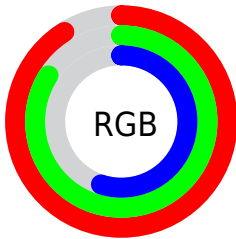
Format	Color
RYB	163, 233, 141
Decimal	15325069
CIELab	86.00, -4.07, 38.75
CIELCh	86, 38.964, 95.993
Yxy	67.9871, 0.3788, 0.4098
Android (android.graphics.Color)	4293515149 (0xFFE9D78D)
YUV	211.9460, -34.9764, 18.4644
Hunter-Lab	82.4543, -8.2514, 32.4916

Details

The CIELCh color **86, 38.964, 95.993** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 41.048, 286.734**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 30.226, 107.879**, and **66, 38.567, 95.564** is the 20% darker color. If you saturate the color by 10%, you get **85, 48.627, 94.759**, and if you desaturate by 10%, it is **88, 29.103, 97.218**.

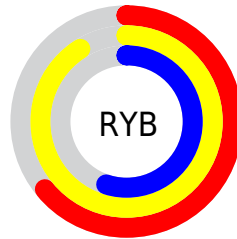
Distribution



Red (91%)

Green (84%)

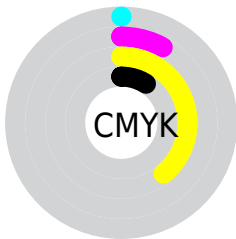
Blue (55%)



Red (64%)

Yellow (91%)

Blue (55%)

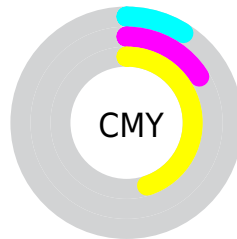


Cyan (0%)

Magenta (8%)

Yellow (39%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 38.964, 95.993 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, 38.964, 95.993 by changing the saturation by 10% instead.

 86, 38.964, 95.993

 86, 38.964, 95.993

 100, 38.964,
95.993

 76, 38.964, 95.993

 66, 38.964, 95.993

 56, 38.964, 95.993

 46, 38.964, 95.993

 36, 38.964, 95.993

 26, 38.964, 95.993

 16, 38.964, 95.993

 6, 38.964, 95.993

 0, 38.964, 95.993

86, 38.964, 95.993

86, 38.964, 95.993

85, 48.627, 94.759

88, 29.103, 97.218

83, 57.841, 93.510

89, 19.183, 98.414

82, 66.197, 92.246

91, 9.287, 99.574

80, 73.079, 90.951

93, 0.542, 281.045

79, 77.729, 89.581

94, 8.870, 280.198

78, 79.829, 88.081

95, 7.082, 263.801

78, 79.919, 87.999

96, 6.175, 240.028

98, 6.512, 214.148

98, 7.453, 199.023

Harmonies

Complementary

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



86, 38.964, 95.993



67, 41.048, 286.734

Rectangle

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



86, 38.964, 95.993



86, 38.964, 145.993



86, 38.964, 275.993



86, 38.964, 325.993

Sweetspot

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



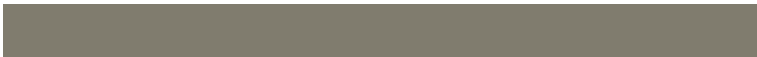
86, 38.965, 95.997



98, 12.685, 99.277



69, 37.479, 8.151



52, 8.419, 99.126



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, 38.965, 95.997



92, 49.754, 95.036



89, 47.927, 119.512



48, 5.606, 99.572



62, 66.216, 88.275



18, 25.802, 90.779

Inverse Universe

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



67, 41.048, 286.734



67, 53.262, 288.428



64, 52.095, 304.662



46, 5.673, 281.816



25, 90.813, 302.543



4, 30.925, 293.721

Previews

White Background



This preview shows how the CIELCh color 86, 38.964, 95.993 looks on a white background.

Color Contrast Check

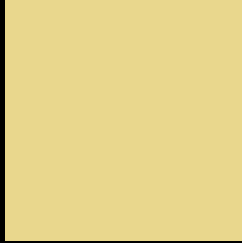
Large Text (above 18pt) WCAG AA × Fail

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, 38.964, 95.993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

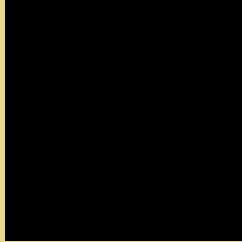
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 38.964, 95.993

Background



This preview shows how black text looks on a background with the CIELCh color 86, 38.964, 95.993.



This preview shows how white text looks on a background with the CIELCh color 86, 38.964, 95.993.

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, 38.964, 95.993

Protanopia

86, 39.050, 95.401

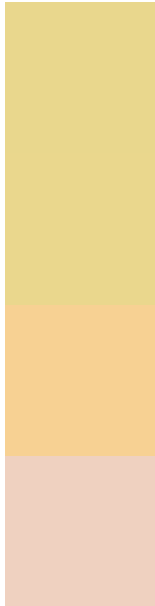
Deuteranopia

86, 35.845, 73.560



Tritanopia
86, 15.871, 348.842

Trichromacy



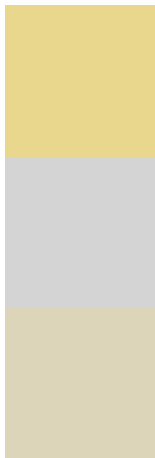
Original Color
86, 38.964, 95.993

Protanomaly
86, 39.050, 95.401

Deuteranomaly
86, 36.068, 81.794

Tritanomaly
86, 14.562, 57.436

Monochromacy



Original Color
86, 38.964, 95.993

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 14.362, 98.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 38.964, 95.993 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(233, 215, 141)` looks like.

```
.text, #text, p{  
    color:rgb(233, 215, 141)  
}
```

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(233, 215, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 215, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 38.964, 95.993 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(233, 215, 141) }
```

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

```
.border{ border-color:rgb(233, 215, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 215, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 215, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 215, 141);  
box-shadow:4px 4px 4px 4px rgb(233, 215,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 38.964, 95.993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 215, 141) }
```

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

```
.background{ background-color: rgb(233,  
215, 141) }
```

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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