

Converting Colors

CIELCh(86, 9.862, 50.178)

Have a look what the booklet for
CIELCh(86, 9.862, 50.178) contains.

CIELCh(86, 9.769, 52.096)	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, 9.769, 52.096)

Conversions

Conversions Part 1

Format	Color
Hex	E9D3C9
RGB	233, 211, 201
RGB Percent	91%, 83%, 79%
CMY	0.0871, 0.1733, 0.2125
CMYK	0.00, 0.09, 0.14, 0.09
HSL	19°, 42%, 85%
HSV	19°, 14%, 91%
XYZ	67.3023, 67.9871, 64.7129
YIQ	216.4380, 16.3220, 1.5540

Conversions

Conversions Part 2

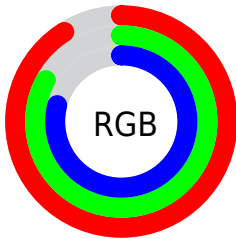
Format	Color
R _Y B	233, 216, 201
Decimal	15324105
CIE Lab	86.00, 6.00, 7.71
CIE LCh	86, 9.769, 52.096
Yxy	67.9871, 0.3365, 0.3399
Android (android.graphics.Color)	4293514185 (0xFFE9D3C9)
YUV	216.4380, -7.6109, 14.5249
Hunter-Lab	82.4543, 1.4033, 11.1852

Details

The CIELCh color $86, 9.769, 52.096$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $87, 9.067, 234.360$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 9.728, 54.358$ is the 20% darker color. If you saturate the color by 10%, you get $82, 17.529, 51.504$, and if you desaturate by 10%, it is $91, 2.561, 52.641$.

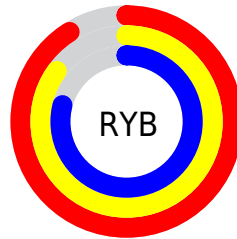
Distribution



Red (91%)

Green (83%)

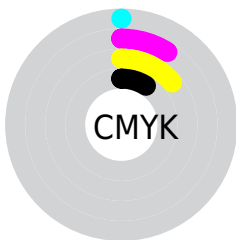
Blue (79%)



Red (91%)

Yellow (85%)

Blue (79%)

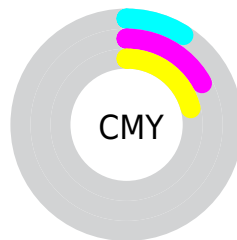


Cyan (0%)

Magenta (9%)

Yellow (14%)

Black (9%)



Cyan (9%)

Magenta (17%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 9.769, 52.096 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, 9.769, 52.096 by changing the saturation by 10% instead.



86, 9.769, 52.096

86, 9.769, 52.096

82, 17.529, 51.504

91, 2.561, 52.641

77, 25.891, 50.959

95, 4.148, 233.723

73, 34.887, 50.508

98, 7.589, 199.013

69, 44.507, 50.167

65, 54.666, 49.927

62, 65.113, 49.728

58, 75.255, 49.378

56, 83.863, 48.440

54, 88.135, 47.547

Harmonies

Complementary

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



86, 9.769, 52.096



87, 9.067, 234.360

Rectangle

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



86, 9.769, 52.096



86, 9.769, 102.096



86, 9.769, 232.096



86, 9.769, 282.096

Sweetspot

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



86, 9.769, 52.112



98, 2.951, 52.637



84, 16.528, 335.218



52, 2.103, 52.616



0, 0.000, 0.000



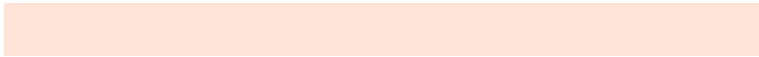
53, 0.007, 296.813

Same Dimension

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



86, 9.769, 52.112



92, 12.353, 51.967



90, 13.442, 98.816



47, 3.999, 52.374



42, 72.576, 48.098



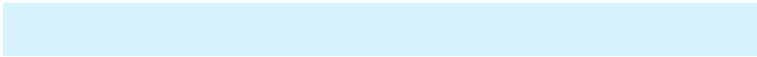
10, 23.406, 42.496

Inverse Universe

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



87, 9.067, 234.360



94, 11.307, 234.592



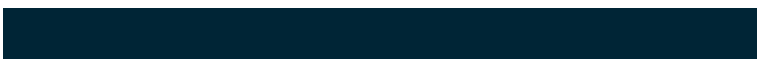
83, 13.651, 282.124



47, 3.806, 233.980



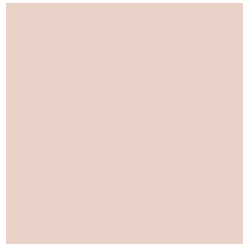
49, 38.623, 258.356



13, 15.453, 249.626

Previews

White Background



This preview shows how the CIELCh color 86, 9.769, 52.096 looks on a white background.

Color Contrast Check

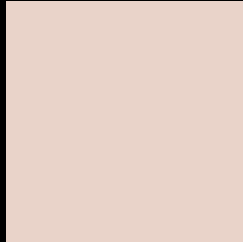
Large Text (above 18pt) WCAG AA × Fail

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, 9.769, 52.096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

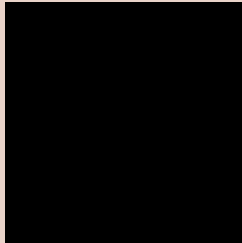
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 9.769, 52.096

Background



This preview shows how black text looks on a background with the CIELCh color 86, 9.769, 52.096.

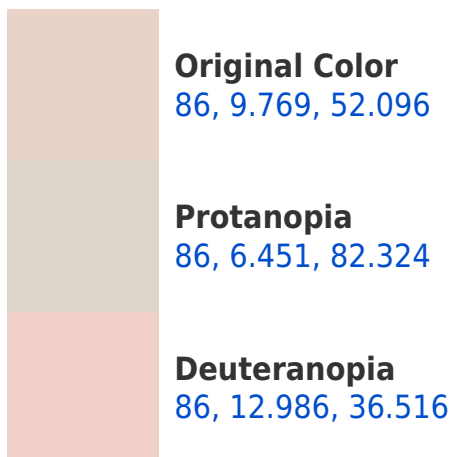



This preview shows how white text looks on a background with the CIELCh color 86, 9.769, 52.096.

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





Tritanopia
86, 13.780, 340.211

Trichromacy



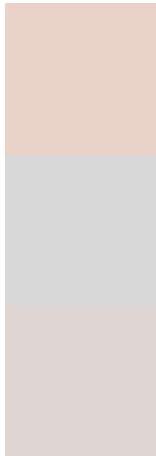
Original Color
86, 9.769, 52.096

Protanomaly
86, 7.502, 69.487

Deuteranomaly
86, 11.700, 40.950

Tritanomaly
86, 10.740, 357.283

Monochromacy



Original Color
86, 9.769, 52.096

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 3.580, 55.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 9.769, 52.096 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, 211, 201)` looks like.

```
.text, #text, p{  
    color:rgb(233, 211, 201)  
}
```

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, 211, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 211, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 9.769, 52.096 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, 211, 201) }
```

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

```
.border{ border-color:rgb(233, 211, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 211, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 211, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 211, 201);  
box-shadow:4px 4px 4px 4px rgb(233, 211,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 9.769, 52.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 211, 201) }
```

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

```
.background{ background-color: rgb(233,  
211, 201) }
```

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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