

Converting Colors

CIELCh(86, 6.942, 64.768)

Have a look what the booklet for
CIELCh(86, 6.942, 64.768) contains.

CIELCh(86, 7.104, 66.851)	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, 7.104, 66.851)

Conversions

Conversions Part 1

Format	Color
Hex	E2D5CB
RGB	226, 213, 203
RGB Percent	89%, 84%, 80%
CMY	0.1142, 0.1651, 0.2044
CMYK	0.00, 0.06, 0.10, 0.11
HSL	26°, 28%, 84%
HSV	26°, 10%, 89%
XYZ	65.8590, 67.9871, 66.0803
YIQ	215.7470, 10.9580, -0.3540

Conversions

Conversions Part 2

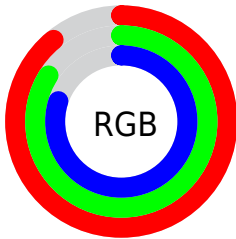
Format	Color
R_{YB}	226, 221, 203
Decimal	14865867
CIE _{Lab}	86.00, 2.79, 6.53
CIE _{LCh}	86, 7.104, 66.851
Yxy	67.9871, 0.3294, 0.3401
Android (android.graphics.Color)	4293055947 (0xFFE2D5CB)
YUV	215.7470, -6.2843, 8.9919
Hunter-Lab	82.4543, -1.7212, 10.2020

Details

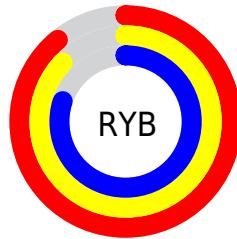
The CIELCh color $86, 7.104, 66.851$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $86, 6.860, 249.363$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 7.145, 63.620$ is the 20% darker color. If you saturate the color by 10%, you get $82, 14.497, 65.793$, and if you desaturate by 10%, it is $90, 0.116, 64.104$.

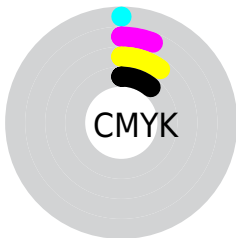
Distribution



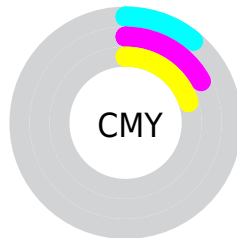
- Red (89%)
- Green (84%)
- Blue (80%)



- Red (89%)
- Yellow (87%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 7.104, 66.851 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, 7.104, 66.851 by changing the saturation by 10% instead.



86, 7.104, 66.851

86, 7.104, 66.851

82, 14.497, 65.793

90, 0.116, 64.104

79, 22.332, 64.701

94, 6.508, 249.215

75, 30.629, 63.622

97, 8.759, 211.873

72, 39.382, 62.563

98, 9.881, 198.848

68, 48.517, 61.510

65, 57.830, 60.411

62, 66.862, 59.135

59, 74.712, 57.394

57, 80.476, 55.031

Harmonies

Complementary

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



86, 7.104, 66.851



86, 6.860, 249.363

Rectangle

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



86, 7.104, 66.851



86, 7.104, 116.851



86, 7.104, 246.851



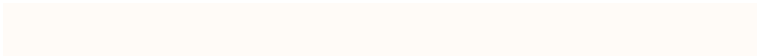
86, 7.104, 296.851

Sweetspot

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



86, 7.104, 66.872



99, 2.259, 67.510



84, 10.848, 340.990



52, 1.718, 67.468



0, 0.000, 0.000



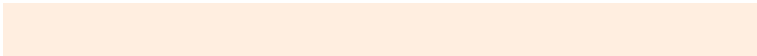
53, 0.007, 296.813

Same Dimension

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



86, 7.104, 66.872



95, 9.290, 66.671



89, 11.138, 106.321



45, 3.933, 66.949



45, 66.450, 55.701



10, 19.793, 53.017

Inverse Universe

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



86, 6.860, 249.363



95, 8.902, 249.610



83, 11.369, 288.482



45, 3.808, 249.271



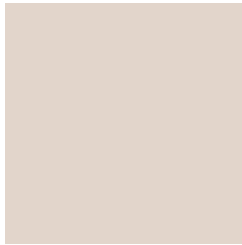
41, 47.748, 276.717



9, 17.027, 266.899

Previews

White Background



This preview shows how the CIELCh color 86, 7.104, 66.851 looks on a white background.

Color Contrast Check

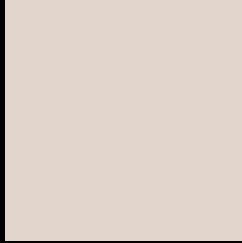
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 86, 7.104, 66.851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

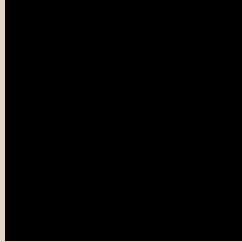
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

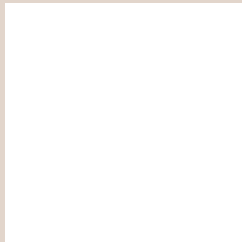
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 7.104, 66.851

Background



This preview shows how black text looks on a background with the CIELCh color 86, 7.104, 66.851.

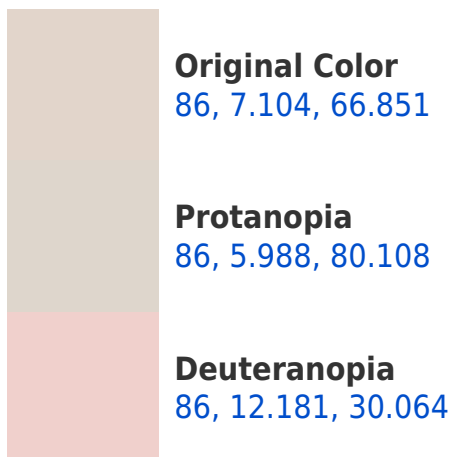


This preview shows how white text looks on a background with the CIELCh color 86, 7.104, 66.851.

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, 11.491, 329.337

Trichromacy



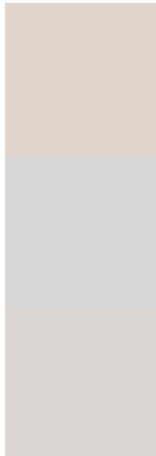
Original Color
86, 7.104, 66.851

Protanomaly
86, 6.180, 77.096

Deuteranomaly
86, 9.854, 38.485

Tritanomaly
86, 7.787, 347.388

Monochromacy



Original Color
86, 7.104, 66.851

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 2.756, 68.553

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 7.104, 66.851 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(226, 213, 203)` looks like.

```
.text, #text, p{  
    color:rgb(226, 213, 203)  
}
```

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(226, 213, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 213, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 7.104, 66.851 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(226, 213, 203) }
```

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

```
.border{ border-color:rgb(226, 213, 203) }
```

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

Here you see how a box with a 4 pixel rgb(226, 213, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 213, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 213, 203);  
box-shadow:4px 4px 4px 4px rgb(226, 213,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 7.104, 66.851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 213, 203) }
```

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

```
.background{ background-color: rgb(226,  
213, 203) }
```

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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