

Converting Colors

CIELCh(86, 6.420, 5.656)

Have a look what the booklet for
CIELCh(86, 6.420, 5.656) contains.

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Color

CIELCh(86, 6.414, 5.653)

Conversions

Conversions Part 1

Format	Color
Hex	E4D3D6
RGB	228, 211, 214
RGB Percent	89%, 83%, 84%
CMY	0.1056, 0.1723, 0.1605
CMYK	0.00, 0.07, 0.06, 0.11
HSL	349°, 24%, 86%
HSV	349°, 7%, 89%
XYZ	67.4752, 67.9871, 73.2314
YIQ	216.4250, 9.1690, 4.5370

Conversions

Conversions Part 2

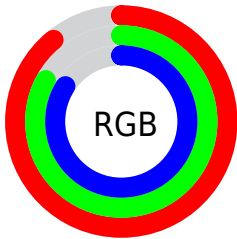
Format	Color
R _Y B	228, 211, 214
Decimal	14996438
CIE Lab	86.00, 6.38, 0.63
CIE LCh	86, 6.414, 5.653
Yxy	67.9871, 0.3233, 0.3258
Android (android.graphics.Color)	4293186518 (0xFFE4D3D6)
YUV	216.4250, -1.1955, 10.1513
Hunter-Lab	82.4543, 1.7776, 5.0598

Details

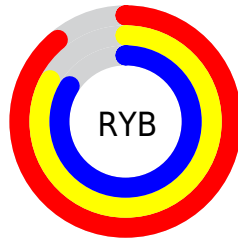
The CIELCh color **86, 6.414, 5.653** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **89, 6.211, 184.519**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 6.795, 5.889** is the 20% darker color. If you saturate the color by 10%, you get **80, 15.436, 6.769**, and if you desaturate by 10%, it is **92, 2.124, 185.134**.

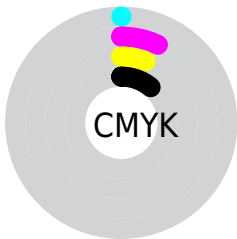
Distribution



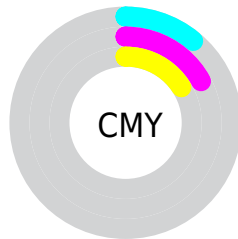
- Red (89%)
- Green (83%)
- Blue (84%)



- Red (89%)
- Yellow (83%)
- Blue (84%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 6.414, 5.653 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, 6.414, 5.653 by changing the saturation by 10% instead.

86, 6.414, 5.653

86, 6.414, 5.653

100, 6.414, 5.653

76, 6.414, 5.653

66, 6.414, 5.653

56, 6.414, 5.653

46, 6.414, 5.653

36, 6.414, 5.653

26, 6.414, 5.653

16, 6.414, 5.653

6, 6.414, 5.653

0, 6.414, 5.653

86, 6.414, 5.653

86, 6.414, 5.653

80, 15.436, 6.769

92, 2.124, 185.134

74, 24.907, 8.042

98, 9.405, 188.364

68, 34.720, 9.587

98, 9.160, 198.899

63, 44.682, 11.504

58, 54.497, 13.922

54, 63.795, 16.991

51, 72.219, 20.847

49, 79.568, 25.514

48, 85.863, 30.708

Harmonies

Complementary

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



86, 6.414, 5.653



89, 6.211, 184.519

Rectangle

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



86, 6.414, 5.653



86, 6.414, 55.653



86, 6.414, 185.653



86, 6.414, 235.653

Sweetspot

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



86, 6.412, 5.667



99, 1.858, 4.921



86, 10.248, 319.618



53, 1.056, 4.894



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

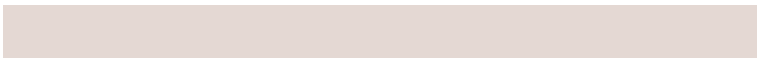
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 6.412, 5.667



94, 8.515, 5.840



87, 5.087, 52.979



45, 4.939, 5.883



37, 72.133, 31.034



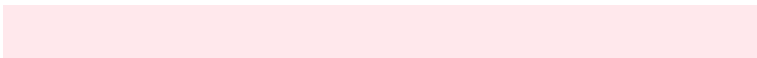
7, 26.691, 14.414

Inverse Universe

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



86, 6.412, 5.667



94, 8.515, 5.840



88, 4.900, 234.337



45, 4.939, 5.883



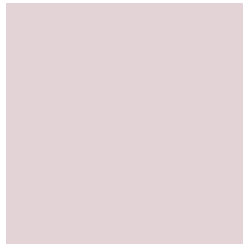
37, 72.133, 31.034



7, 26.691, 14.414

Previews

White Background



This preview shows how the CIELCh color 86, 6.414, 5.653 looks on a white background.

Color Contrast Check

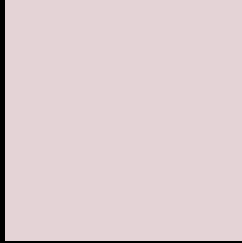
Large Text (above 18pt) WCAG AA × Fail

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, 6.414, 5.653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

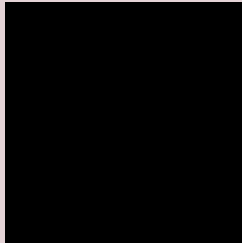
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

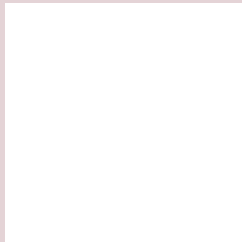
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 6.414, 5.653

Background



This preview shows how black text looks on a background with the CIELCh color 86, 6.414, 5.653.

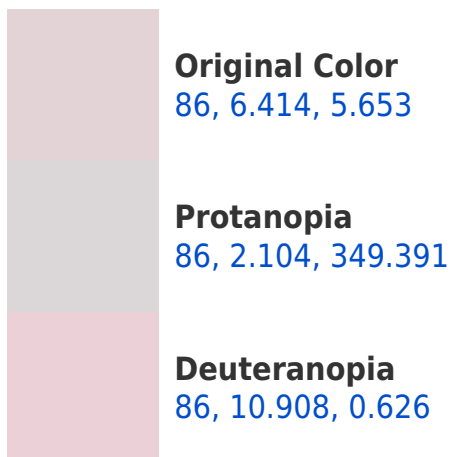


This preview shows how white text looks on a background with the CIELCh color 86, 6.414, 5.653.

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, 11.719, 330.734

Trichromacy



Original Color
86, 6.414, 5.653

Protanomaly
86, 3.441, 1.784

Deuteranomaly
86, 9.339, 0.453

Tritanomaly
86, 9.340, 337.756

Monochromacy



Original Color
86, 6.414, 5.653

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 2.243, 5.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 6.414, 5.653 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(228, 211, 214)` looks like.

```
.text, #text, p{  
    color:rgb(228, 211, 214)  
}
```

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(228, 211, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 211, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 6.414, 5.653 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(228, 211, 214) }
```

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

```
.border{ border-color:rgb(228, 211, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 211, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 211, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 211, 214);  
box-shadow:4px 4px 4px 4px rgb(228, 211,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 6.414, 5.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 211, 214) }
```

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

```
.background{ background-color: rgb(228,  
211, 214) }
```

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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