

Converting Colors

CIELCh(86, 5.341, 2.634)

Have a look what the booklet for
CIELCh(86, 5.341, 2.634) contains.

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Color

CIELCh(86, 5.346, 2.637)

Conversions

Conversions Part 1

Format	Color
Hex	E2D4D7
RGB	226, 212, 215
RGB Percent	89%, 83%, 84%
CMY	0.1147, 0.1696, 0.1578
CMYK	0.00, 0.06, 0.05, 0.11
HSL	347°, 19%, 86%
HSV	347°, 6%, 89%
XYZ	67.0032, 67.9871, 73.7162
YIQ	216.5280, 7.3810, 3.9010

Conversions

Conversions Part 2

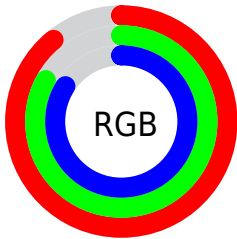
Format	Color
R _Y B	226, 212, 215
Decimal	14865623
CIE Lab	86.00, 5.34, 0.25
CIE LCh	86, 5.346, 2.637
Yxy	67.9871, 0.3210, 0.3258
Android (android.graphics.Color)	4293055703 (0xFFE2D4D7)
YUV	216.5280, -0.7533, 8.3069
Hunter-Lab	82.4543, 0.7558, 4.7112

Details

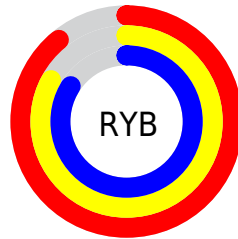
The CIELCh color **86, 5.346, 2.637** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **89, 5.216, 181.733**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 5.657, 2.841** is the 20% darker color. If you saturate the color by 10%, you get **80, 14.321, 3.763**, and if you desaturate by 10%, it is **92, 3.183, 182.034**.

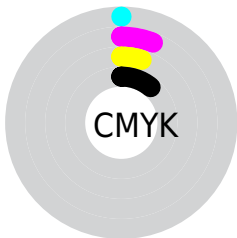
Distribution



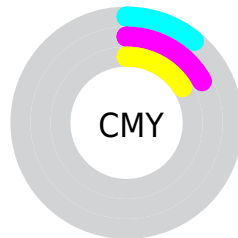
- Red (89%)
- Green (83%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 5.346, 2.637 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, 5.346, 2.637 by changing the saturation by 10% instead.

86, 5.346, 2.637

86, 5.346, 2.637

100, 5.346, 2.637

76, 5.346, 2.637

66, 5.346, 2.637

56, 5.346, 2.637

46, 5.346, 2.637

36, 5.346, 2.637

26, 5.346, 2.637

16, 5.346, 2.637

6, 5.346, 2.637

0, 5.346, 2.637

86, 5.346, 2.637

86, 5.346, 2.637

80, 14.321, 3.763

92, 3.183, 182.034

74, 23.704, 5.016

98, 10.345,
185.199

69, 33.384, 6.519

98, 9.924, 198.845

63, 43.165, 8.364

59, 52.748, 10.675

54, 61.753, 13.601

51, 69.802, 17.300

49, 76.675, 21.862

48, 82.439, 27.164

Harmonies

Complementary

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



86, 5.346, 2.637



89, 5.216, 181.733

Rectangle

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



86, 5.346, 2.637



86, 5.346, 52.637



86, 5.346, 182.637



86, 5.346, 232.637

Sweetspot

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



86, 5.344, 2.653



99, 1.885, 2.043



86, 8.365, 318.554



53, 1.072, 2.017



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, 5.344, 2.653



95, 6.676, 2.748



87, 4.197, 49.000



45, 3.910, 2.804



37, 69.592, 28.160



6, 25.281, 11.872

Inverse Universe

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



86, 5.344, 2.653



95, 6.676, 2.748



88, 4.061, 230.036



45, 3.910, 2.804



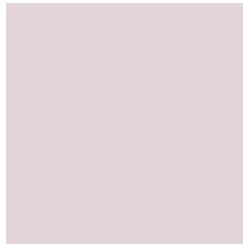
37, 69.592, 28.160



6, 25.281, 11.872

Previews

White Background



This preview shows how the CIELCh color 86, 5.346, 2.637 looks on a white background.

Color Contrast Check

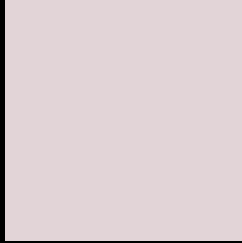
Large Text (above 18pt) WCAG AA × Fail

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, 5.346, 2.637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

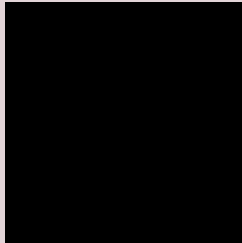
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

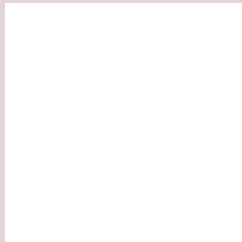
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 5.346, 2.637

Background



This preview shows how black text looks on a background with the CIELCh color 86, 5.346, 2.637.

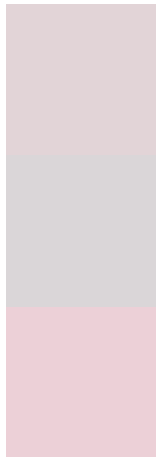


This preview shows how white text looks on a background with the CIELCh color 86, 5.346, 2.637.

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, 5.346, 2.637

Protanopia

86, 1.800, 343.560

Deuteranopia

86, 10.908, 0.626



Tritanopia
86, 10.417, 326.453

Trichromacy



Original Color

86, 5.346, 2.637

Protanomaly

86, 3.313, 351.156

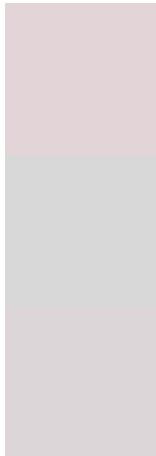
Deuteranomaly

86, 8.991, 359.623

Tritanomaly

86, 8.191, 335.235

Monochromacy



Original Color

86, 5.346, 2.637

Achromatopsia

86, 0.010, 296.813

Achromatomaly

86, 2.424, 353.734

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 5.346, 2.637 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, 212, 215)` looks like.

```
.text, #text, p{  
    color:rgb(226, 212, 215)  
}
```

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, 212, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 212, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 5.346, 2.637 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, 212, 215) }
```

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

```
.border{ border-color:rgb(226, 212, 215) }
```

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

Here you see how a box with a 4 pixel rgb(226, 212, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 212, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 212, 215);  
box-shadow:4px 4px 4px 4px rgb(226, 212,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 5.346, 2.637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 212, 215) }
```

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

```
.background{ background-color: rgb(226,  
212, 215) }
```

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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