

Converting Colors

CIELCh(86, 13.265, 15.234)

Have a look what the booklet for
CIELCh(86, 13.265, 15.234) contains.

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Color

CIELCh(86, 13.057, 15.788)

Conversions

Conversions Part 1

Format	Color
Hex	F2CFD1
RGB	242, 207, 209
RGB Percent	95%, 81%, 82%
CMY	0.0516, 0.1889, 0.1810
CMYK	0.00, 0.14, 0.14, 0.05
HSL	357°, 57%, 88%
HSV	357°, 14%, 95%
XYZ	70.3196, 67.9871, 69.6303
YIQ	217.6930, 20.2180, 8.0420

Conversions

Conversions Part 2

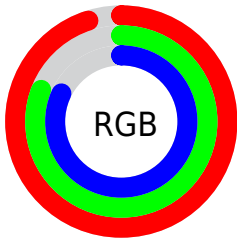
Format	Color
R _Y B	242, 207, 209
Decimal	15912913
CIE Lab	86.00, 12.56, 3.55
CIE LCh	86, 13.057, 15.788
Yxy	67.9871, 0.3382, 0.3270
Android (android.graphics.Color)	4294102993 (0xFFFF2CFD1)
YUV	217.6930, -4.2856, 21.3172
Hunter-Lab	82.4543, 7.9354, 7.6493

Details

The CIELCh color **86, 13.057, 15.788** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93, 12.007, 193.726**, 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, 13.074, 15.814** is the 20% darker color. If you saturate the color by 10%, you get **80, 22.867, 16.874**, and if you desaturate by 10%, it is **92, 3.890, 14.838**.

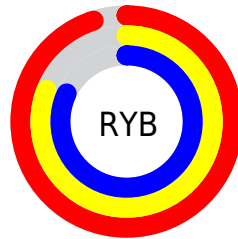
Distribution



Red (95%)

Green (81%)

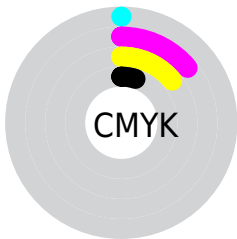
Blue (82%)



Red (95%)

Yellow (81%)

Blue (82%)

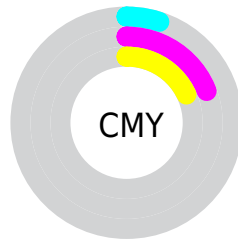


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (5%)



Cyan (5%)

Magenta (19%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 13.057, 15.788 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, 13.057, 15.788 by changing the saturation by 10% instead.

 86, 13.057, 15.788

 86, 13.057, 15.788

 100, 13.057,
15.788

 76, 13.057, 15.788

 66, 13.057, 15.788

 56, 13.057, 15.788

 46, 13.057, 15.788

 36, 13.057, 15.788

 26, 13.057, 15.788

 16, 13.057, 15.788

 6, 13.057, 15.788

 0, 13.057, 15.788

86, 13.057, 15.788

86, 13.057, 15.788

80, 22.867, 16.874

92, 3.890, 14.838

74, 33.286, 18.220

99, 4.558, 195.686

68, 44.191, 19.938

99, 4.540, 199.263

63, 55.358, 22.148

58, 66.463, 24.973

55, 77.114, 28.485

52, 86.862, 32.560

51, 94.932, 36.618

51, 98.228, 38.329

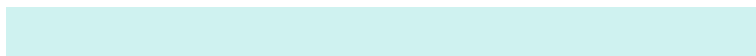
Harmonies

Complementary

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



86, 13.057, 15.788



93, 12.007, 193.726

Rectangle

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



86, 13.057, 15.788



86, 13.057, 65.788



86, 13.057, 195.788



86, 13.057, 245.788

Sweetspot

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



86, 13.055, 15.797



97, 3.629, 14.784



87, 21.694, 323.365



51, 2.586, 14.871



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, 13.055, 15.797



88, 16.161, 16.055



90, 10.799, 66.222



47, 4.999, 15.325



38, 79.301, 37.748



8, 29.542, 21.510

Inverse Universe

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



86, 13.055, 15.797



88, 16.161, 16.055



89, 10.243, 249.748



47, 4.999, 15.325



38, 79.301, 37.748



8, 29.542, 21.510

Previews

White Background



This preview shows how the CIELCh color 86, 13.057, 15.788 looks on a white background.

Color Contrast Check

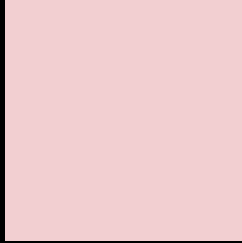
Large Text (above 18pt) WCAG AA × Fail

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, 13.057, 15.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

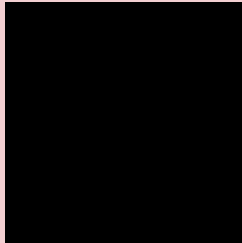
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 13.057, 15.788

Background



This preview shows how black text looks on a background with the CIELCh color 86, 13.057, 15.788.

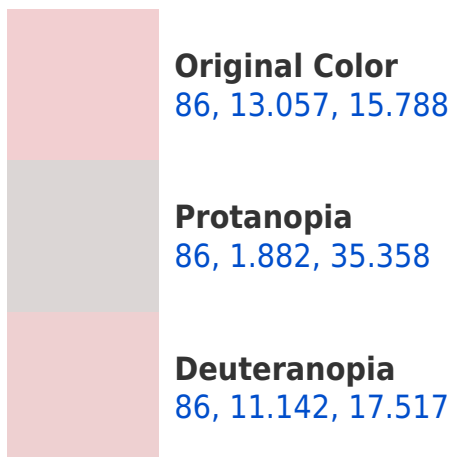


This preview shows how white text looks on a background with the CIELCh color 86, 13.057, 15.788.

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, 16.184, 349.568

Trichromacy



Original Color
86, 13.057, 15.788

Protanomaly
86, 5.868, 19.741

Deuteranomaly
86, 11.520, 17.637

Tritanomaly
86, 14.742, 357.632

Monochromacy



Original Color
86, 13.057, 15.788

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 4.769, 13.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 13.057, 15.788 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(242, 207, 209)` looks like.

```
.text, #text, p{  
    color:rgb(242, 207, 209)  
}
```

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(242, 207, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 207, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 13.057, 15.788 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(242, 207, 209) }
```

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

```
.border{ border-color:rgb(242, 207, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 207, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 207, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 207, 209);  
box-shadow:4px 4px 4px 4px rgb(242, 207,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 13.057, 15.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 207, 209) }
```

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

```
.background{ background-color: rgb(242,  
207, 209) }
```

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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