

Converting Colors

CIELCh(88, 24.758, 18.353)

Have a look what the booklet for
CIELCh(88, 24.758, 18.353) contains.

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Color

CIELCh(86, 19.216, 16.231)

Conversions

Conversions Part 1

Format	Color
Hex	FECBCE
RGB	254, 203, 206
RGB Percent	100%, 80%, 81%
CMY	0.0055, 0.2052, 0.1935
CMYK	0.00, 0.20, 0.19, 0.01
HSL	356°, 95%, 89%
HSV	356°, 20%, 99%
XYZ	73.1012, 67.9871, 67.4488
YIQ	218.5910, 29.4330, 11.7450

Conversions

Conversions Part 2

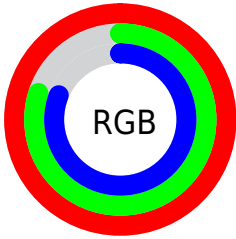
Format	Color
RYB	254, 203, 206
Decimal	16698318
CIELab	86.00, 18.45, 5.37
CIELCh	86, 19.216, 16.231
Yxy	67.9871, 0.3505, 0.3260
Android (android.graphics.Color)	4294888398 (0xFFFECEBCE)
YUV	218.5910, -6.2074, 31.0537
Hunter-Lab	82.4543, 13.9570, 9.2179

Details

The CIELCh color **86, 19.216, 16.231** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 17.066, 193.169**, 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, 19.250, 16.400** is the 20% darker color. If you saturate the color by 10%, you get **80, 29.775, 17.462**, and if you desaturate by 10%, it is **93, 9.308, 15.238**.

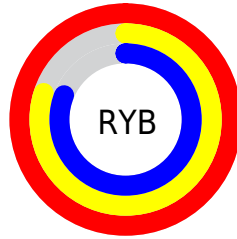
Distribution



Red (100%)

Green (80%)

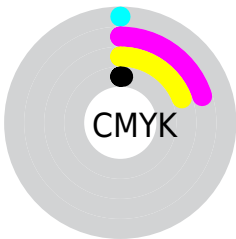
Blue (81%)



Red (100%)

Yellow (80%)

Blue (81%)

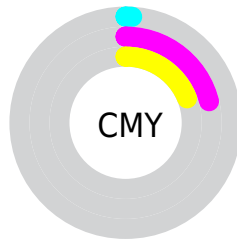


Cyan (0%)

Magenta (20%)

Yellow (19%)

Black (1%)



Cyan (1%)

Magenta (21%)

Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 19.216, 16.231 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, 19.216, 16.231 by changing the saturation by 10% instead.

 86, 19.216, 16.231

 86, 19.216, 16.231

 100, 19.216,
16.231

 76, 19.216, 16.231

 66, 19.216, 16.231

 56, 19.216, 16.231

 46, 19.216, 16.231

 36, 19.216, 16.231

 26, 19.216, 16.231

 16, 19.216, 16.231

 6, 19.216, 16.231

 0, 19.216, 16.231

86, 19.216, 16.231

86, 19.216, 16.231

80, 29.775, 17.462

93, 9.308, 15.238

73, 40.905, 19.013

99, 0.076, 5.977

68, 52.417, 21.005

100, 0.488,
200.733

63, 64.015, 23.565

59, 75.311, 26.798

56, 85.877, 30.692

54, 95.125, 34.900

53, 101.851,
38.348

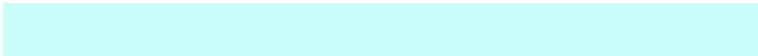
Harmonies

Complementary

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



86, 19.216, 16.231



96, 17.066, 193.169

Rectangle

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



86, 19.216, 16.231



86, 19.216, 66.231



86, 19.216, 196.231



86, 19.216, 246.231

Sweetspot

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



86, 19.214, 16.238



96, 5.484, 14.853



87, 31.363, 323.656



51, 3.646, 14.916



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, 19.214, 16.238



84, 23.382, 16.685



91, 15.839, 65.606



50, 5.262, 15.185



40, 81.782, 37.782



10, 32.897, 24.809

Inverse Universe

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



86, 19.214, 16.238



84, 23.382, 16.685



90, 14.674, 250.596



50, 5.262, 15.185



40, 81.782, 37.782



10, 32.897, 24.809

Previews

White Background



This preview shows how the CIELCh color 86, 19.216, 16.231 looks on a white background.

Color Contrast Check

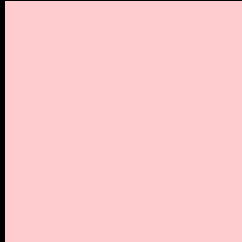
Large Text (above 18pt) WCAG AA × Fail

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, 19.216, 16.231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

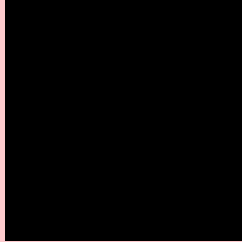
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 19.216, 16.231

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.216, 16.231.

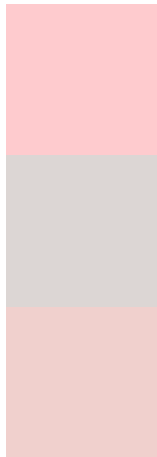


This preview shows how white text looks on a background with the CIELCh color 86, 19.216, 16.231.

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, 19.235, 16.239

Protanopia

86, 2.409, 45.023

Deuteranopia

86, 12.079, 27.658



Tritanopia
86, 21.553, 358.412

Trichromacy



Original Color
86, 19.235, 16.239

Protanomaly
86, 8.114, 19.938

Deuteranomaly
86, 14.646, 22.501

Tritanomaly
86, 20.112, 4.480

Monochromacy



Original Color
86, 19.235, 16.239

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 7.038, 11.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 19.216, 16.231 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(254, 203, 206)` looks like.

```
.text, #text, p{  
    color:rgb(254, 203, 206)  
}
```

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(254, 203, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 203, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.216, 16.231 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(254, 203, 206) }
```

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

```
.border{ border-color:rgb(254, 203, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 203, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 203, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 203, 206);  
box-shadow:4px 4px 4px 4px rgb(254, 203,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.216, 16.231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 203, 206) }
```

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

```
.background{ background-color: rgb(254,  
203, 206) }
```

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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