

Converting Colors

CIELCh(86, 14.395, 19.035)

Have a look what the booklet for
CIELCh(86, 14.395, 19.035) contains.

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Color

CIELCh(86, 14.588, 18.438)

Conversions

Conversions Part 1

Format	Color
Hex	F5CECF
RGB	245, 206, 207
RGB Percent	96%, 81%, 81%
CMY	0.0396, 0.1925, 0.1886
CMYK	0.00, 0.16, 0.16, 0.04
HSL	358°, 66%, 88%
HSV	358°, 16%, 96%
XYZ	70.9160, 67.9871, 68.3515
YIQ	217.7750, 22.9230, 8.5790

Conversions

Conversions Part 2

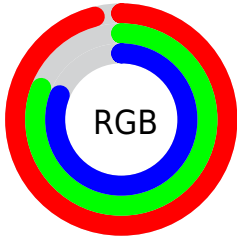
Format	Color
R _Y B	245, 206, 207
Decimal	16109263
CIE Lab	86.00, 13.84, 4.61
CIE LCh	86, 14.588, 18.438
Yxy	67.9871, 0.3422, 0.3280
Android (android.graphics.Color)	4294299343 (0xFF5CECF)
YUV	217.7750, -5.3121, 23.8763
Hunter-Lab	82.4543, 9.2264, 8.5688

Details

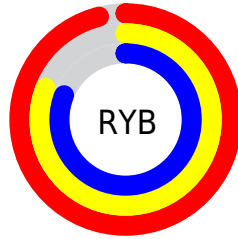
The CIELCh color **86, 14.588, 18.438** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 13.213, 196.359**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 14.308, 18.551** is the 20% darker color. If you saturate the color by 10%, you get **80, 24.649, 19.493**, and if you desaturate by 10%, it is **93, 5.222, 17.561**.

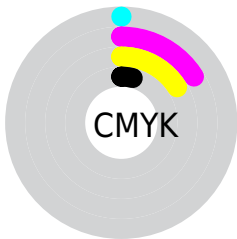
Distribution



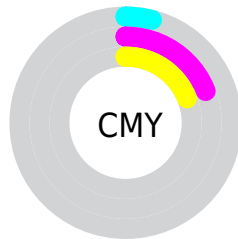
- Red (96%)
- Green (81%)
- Blue (81%)



- Red (96%)
- Yellow (81%)
- Blue (81%)



- Cyan (0%)
- Magenta (16%)
- Yellow (16%)
- Black (4%)



- Cyan (4%)
- Magenta (19%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 14.588, 18.438 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, 14.588, 18.438 by changing the saturation by 10% instead.

 86, 14.588, 18.438

 86, 14.588, 18.438

 100, 14.588,
18.438

 76, 14.588, 18.438

 66, 14.588, 18.438

 56, 14.588, 18.438

 46, 14.588, 18.438

 36, 14.588, 18.438

 26, 14.588, 18.438

 16, 14.588, 18.438

 6, 14.588, 18.438

 0, 14.588, 18.438

86, 14.588, 18.438

86, 14.588, 18.438

80, 24.649, 19.493

93, 5.222, 17.561

74, 35.372, 20.828

99, 3.459, 197.226

68, 46.632, 22.555

99, 3.493, 199.373

63, 58.201, 24.792

58, 69.739, 27.647

55, 80.812, 31.139

53, 90.793, 35.005

51, 98.350, 38.388

51, 100.405,
39.266

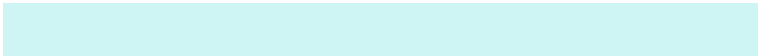
Harmonies

Complementary

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



86, 14.588, 18.438



94, 13.213, 196.359

Rectangle

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



86, 14.588, 18.438



86, 14.588, 68.438



86, 14.588, 198.438



86, 14.588, 248.438

Sweetspot

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



86, 14.586, 18.447



97, 4.541, 17.473



87, 24.371, 324.383



51, 3.106, 17.541



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

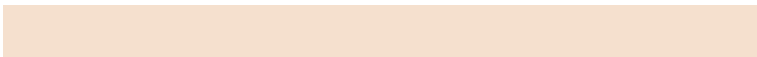
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 14.586, 18.447



87, 18.200, 18.748



90, 12.229, 69.804



48, 5.079, 17.874



39, 81.405, 38.974



8, 30.861, 23.989

Inverse Universe

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



86, 14.586, 18.447



87, 18.200, 18.748



89, 11.633, 253.904



48, 5.079, 17.874



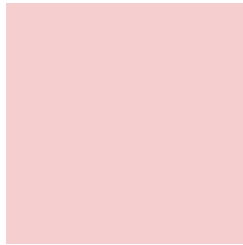
39, 81.405, 38.974



8, 30.861, 23.989

Previews

White Background



This preview shows how the CIELCh color 86, 14.588, 18.438 looks on a white background.

Color Contrast Check

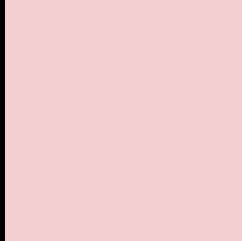
Large Text (above 18pt) WCAG AA × Fail

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, 14.588, 18.438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

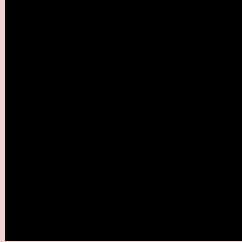
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 14.588, 18.438

Background



This preview shows how black text looks on a background with the CIELCh color 86, 14.588, 18.438.



This preview shows how white text looks on a background with the CIELCh color 86, 14.588, 18.438.

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, 14.588, 18.438

Protanopia

86, 2.409, 45.023

Deuteranopia

86, 11.619, 25.350



Tritanopia
86, 17.801, 352.842

Trichromacy



Original Color
86, 14.588, 18.438

Protanomaly
86, 6.642, 24.309

Deuteranomaly
86, 12.717, 22.656

Tritanomaly
86, 15.986, 1.620

Monochromacy



Original Color
86, 14.588, 18.438

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 5.112, 19.665

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 14.588, 18.438 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(245, 206, 207)` looks like.

```
.text, #text, p{  
    color:rgb(245, 206, 207)  
}
```

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(245, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 206, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 14.588, 18.438 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(245, 206, 207) }
```

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

```
.border{ border-color:rgb(245, 206, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 206, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 206, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 206, 207);  
box-shadow:4px 4px 4px 4px rgb(245, 206,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 14.588, 18.438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 206, 207) }
```

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

```
.background{ background-color: rgb(245,  
206, 207) }
```

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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