

Converting Colors

CIELCh(86, 19.297, 27.733)

Have a look what the booklet for
CIELCh(86, 19.297, 27.733) contains.

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Color

CIELCh(86, 19.564, 26.916)

Conversions

Conversions Part 1

Format	Color
Hex	FECBC7
RGB	254, 203, 199
RGB Percent	100%, 80%, 78%
CMY	0.0035, 0.2035, 0.2192
CMYK	0.00, 0.20, 0.22, 0.00
HSL	4°, 97%, 89%
HSV	4°, 22%, 100%
XYZ	72.6209, 67.9871, 63.3964
YIQ	217.7930, 31.6800, 9.5680

Conversions

Conversions Part 2

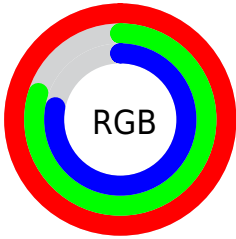
Format	Color
RYB	254, 203, 199
Decimal	16698311
CIELab	86.00, 17.44, 8.86
CIELCh	86, 19.564, 26.916
Yxy	67.9871, 0.3560, 0.3333
Android (android.graphics.Color)	4294888391 (0xFFFEBC7)
YUV	217.7930, -9.2649, 31.7535
Hunter-Lab	82.4543, 12.9173, 12.1319

Details

The CIELCh color **86, 19.564, 26.916** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **95, 16.850, 205.452**, 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, 19.682, 27.590** is the 20% darker color. If you saturate the color by 10%, you get **80, 29.792, 27.720**, and if you desaturate by 10%, it is **92, 10.097, 26.326**.

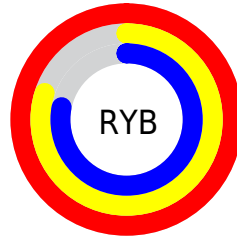
Distribution



Red (100%)

Green (80%)

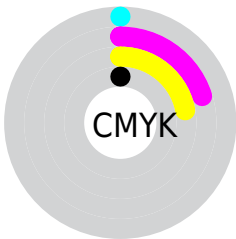
Blue (78%)



Red (100%)

Yellow (80%)

Blue (78%)

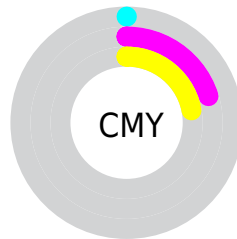


Cyan (0%)

Magenta (20%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 19.564, 26.916 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, 19.564, 26.916 by changing the saturation by 10% instead.

 86, 19.564, 26.916

 86, 19.564, 26.916

 100, 19.564,
26.916

 76, 19.564, 26.916

 66, 19.564, 26.916

 56, 19.564, 26.916

 46, 19.564, 26.916

 36, 19.564, 26.916

 26, 19.564, 26.916

 16, 19.564, 26.916

 6, 19.564, 26.916

 0, 19.564, 26.916

86, 19.564, 26.916

86, 19.564, 26.916

80, 29.792, 27.720

92, 10.097, 26.326

74, 40.766, 28.796

99, 1.369, 25.504

69, 52.390, 30.233

100, 0.306,
201.554

64, 64.463, 32.105

60, 76.636, 34.430

57, 88.276, 37.050

55, 98.027, 39.379

54, 103.337,
40.574

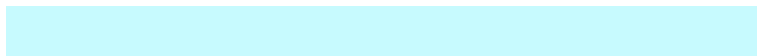
Harmonies

Complementary

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



86, 19.564, 26.916



95, 16.850, 205.452

Rectangle

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



86, 19.564, 26.916



86, 19.564, 76.916



86, 19.564, 206.916



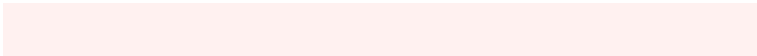
86, 19.564, 256.916

Sweetspot

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



86, 19.562, 26.924



96, 5.097, 26.017



86, 32.999, 327.517



51, 3.390, 26.056



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, 19.562, 26.924



84, 23.990, 27.241



93, 18.461, 79.448



50, 4.900, 26.212



40, 83.208, 40.758



10, 31.955, 30.739

Inverse Universe

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



95, 16.850, 205.452



95, 19.981, 205.390



88, 17.831, 265.539



52, 4.605, 205.747



66, 36.823, 208.915



22, 17.097, 207.270

Previews

White Background



This preview shows how the CIELCh color 86, 19.564, 26.916 looks on a white background.

Color Contrast Check

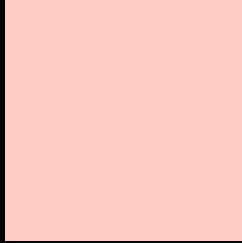
Large Text (above 18pt) WCAG AA × Fail

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, 19.564, 26.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

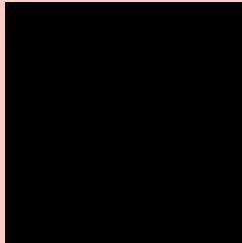
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 19.564, 26.916

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.564, 26.916.

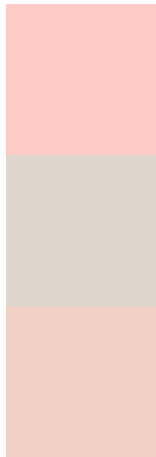


This preview shows how white text looks on a background with the CIELCh color 86, 19.564, 26.916.

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, 19.564, 26.916

Protanopia

86, 5.536, 77.518

Deuteranopia

86, 13.945, 42.128



Tritanopia
86, 21.389, 359.723

Trichromacy



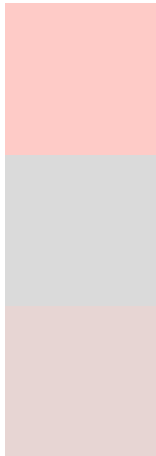
Original Color
86, 19.564, 26.916

Protanomaly
86, 9.695, 42.056

Deuteranomaly
86, 15.804, 35.694

Tritanomaly
86, 20.202, 9.128

Monochromacy



Original Color
86, 19.564, 26.916

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 6.700, 28.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 19.564, 26.916 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(254, 203, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 203, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.564, 26.916 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, 199) }
```

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

```
.border{ border-color:rgb(254, 203, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 203, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 203, 199);  
box-shadow:4px 4px 4px 4px rgb(254, 203,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.564, 26.916 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, 199) }
```

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

```
.background{ background-color: rgb(254,  
203, 199) }
```

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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