

Converting Colors

CIELCh(86, 19.691, 11.840)

Have a look what the booklet for
CIELCh(86, 19.691, 11.840) contains.

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Color

CIELCh(86, 19.710, 11.849)

Conversions

Conversions Part 1

Format	Color
Hex	FECAD0
RGB	254, 202, 208
RGB Percent	100%, 79%, 82%
CMY	0.0032, 0.2072, 0.1836
CMYK	0.00, 0.20, 0.18, 0.00
HSL	353°, 97%, 89%
HSV	353°, 20%, 100%
XYZ	73.5040, 67.9871, 69.0324
YIQ	218.2320, 29.0660, 12.8900

Conversions

Conversions Part 2

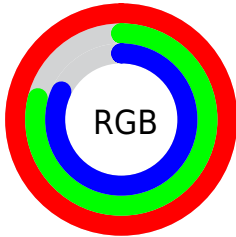
Format	Color
R_{YB}	254, 202, 208
Decimal	16698064
CIE _{Lab}	86.00, 19.29, 4.05
CIE _{LCh}	86, 19.710, 11.849
Yxy	67.9871, 0.3491, 0.3229
Android (android.graphics.Color)	4294888144 (0xFFFECA _{D0})
YUV	218.2320, -5.0444, 31.3685
Hunter-Lab	82.4543, 14.8290, 8.0792

Details

The CIELCh color **86, 19.710, 11.849** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 17.728, 188.288**, 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, 19.735, 11.799** is the 20% darker color. If you saturate the color by 10%, you get **80, 30.215, 13.170**, and if you desaturate by 10%, it is **93, 9.762, 10.762**.

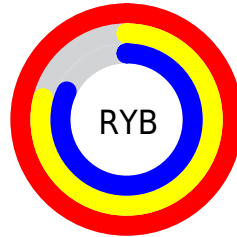
Distribution



Red (100%)

Green (79%)

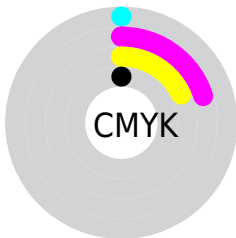
Blue (82%)



Red (100%)

Yellow (79%)

Blue (82%)

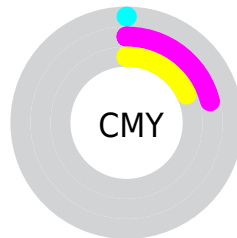


Cyan (0%)

Magenta (20%)

Yellow (18%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 19.710, 11.849 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, 19.710, 11.849 by changing the saturation by 10% instead.

 86, 19.710, 11.849

 86, 19.710, 11.849

 100, 19.710,
11.849

 76, 19.710, 11.849

 66, 19.710, 11.849

 56, 19.710, 11.849

 46, 19.710, 11.849

 36, 19.710, 11.849

 26, 19.710, 11.849

 16, 19.710, 11.849

 6, 19.710, 11.849

 0, 19.710, 11.849

86, 19.710, 11.849

86, 19.710, 11.849

80, 30.215, 13.170

93, 9.762, 10.762

74, 41.167, 14.806

99, 0.418, 8.425

68, 52.345, 16.878

100, 0.285,
201.709

63, 63.423, 19.521

59, 74.005, 22.869

56, 83.726, 26.977

54, 92.291, 31.658

53, 99.049, 35.951

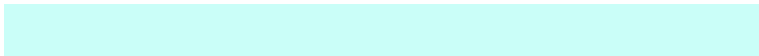
Harmonies

Complementary

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



86, 19.710, 11.849



96, 17.728, 188.288

Rectangle

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



86, 19.710, 11.849



86, 19.710, 61.849



86, 19.710, 191.849



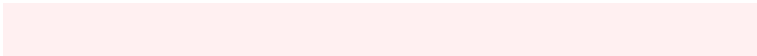
86, 19.710, 241.849

Sweetspot

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



86, 19.708, 11.855



96, 5.535, 10.302



87, 31.574, 322.221



51, 3.679, 10.371



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, 19.708, 11.855



83, 24.479, 12.419



91, 16.002, 59.863



50, 5.304, 10.665



40, 79.234, 35.146



10, 32.499, 22.479

Inverse Universe

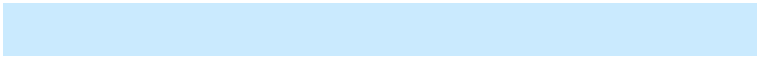
The Inverse Universe completely reimagines the original color for something new.



86, 19.708, 11.855



83, 24.479, 12.419



91, 14.552, 244.378



50, 5.304, 10.665



40, 79.234, 35.146



10, 32.499, 22.479

Previews

White Background



This preview shows how the CIELCh color 86, 19.710, 11.849 looks on a white background.

Color Contrast Check

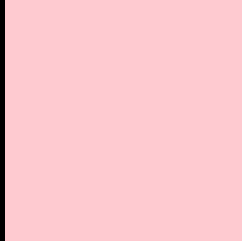
Large Text (above 18pt) WCAG AA × Fail

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, 19.710, 11.849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

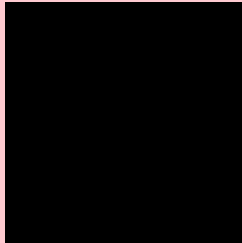
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 19.710, 11.849

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.710, 11.849.



This preview shows how white text looks on a background with the CIELCh color 86, 19.710, 11.849.

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, 19.710, 11.849

Protanopia

86, 1.892, 3.167

Deuteranopia

86, 11.562, 22.796



Tritanopia
86, 21.389, 359.723

Trichromacy



Original Color
86, 19.710, 11.849

Protanomaly
86, 8.230, 8.992

Deuteranomaly
86, 14.588, 18.438

Tritanomaly
86, 20.972, 3.772

Monochromacy



Original Color
86, 19.710, 11.849

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, 19.710, 11.849 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, 202, 208)` looks like.

```
.text, #text, p{  
    color:rgb(254, 202, 208)  
}
```

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, 202, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 202, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.710, 11.849 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, 202, 208) }
```

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

```
.border{ border-color:rgb(254, 202, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 202, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 202, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 202, 208);  
box-shadow:4px 4px 4px 4px rgb(254, 202,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.710, 11.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 202, 208) }
```

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

```
.background{ background-color: rgb(254,  
202, 208) }
```

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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