

Converting Colors

CIELCh(86, 14.767, 11.230)

Have a look what the booklet for
CIELCh(86, 14.767, 11.230) contains.

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Color

CIELCh(86, 14.646, 12.336)

Conversions

Conversions Part 1

Format	Color
Hex	F5CED2
RGB	245, 206, 210
RGB Percent	96%, 81%, 82%
CMY	0.0405, 0.1933, 0.1777
CMYK	0.00, 0.16, 0.14, 0.04
HSL	354°, 65%, 88%
HSV	354°, 16%, 96%
XYZ	71.1361, 67.9871, 70.1449
YIQ	218.1170, 21.9600, 9.5120

Conversions

Conversions Part 2

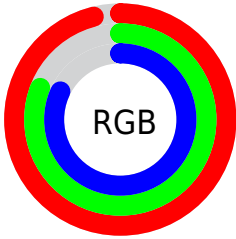
Format	Color
R _Y B	245, 206, 210
Decimal	16109266
CIE Lab	86.00, 14.31, 3.13
CIE LCh	86, 14.646, 12.336
Yxy	67.9871, 0.3399, 0.3249
Android (android.graphics.Color)	4294299346 (0xFFFF5CED2)
YUV	218.1170, -4.0017, 23.5764
Hunter-Lab	82.4543, 9.7029, 7.2792

Details

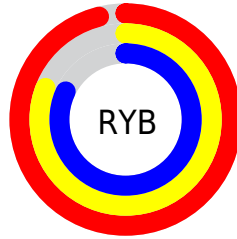
The CIELCh color **86, 14.646, 12.336** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **94, 13.471, 189.746**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 14.357, 11.988** is the 20% darker color. If you saturate the color by 10%, you get **80, 24.598, 13.526**, and if you desaturate by 10%, it is **93, 5.276, 11.318**.

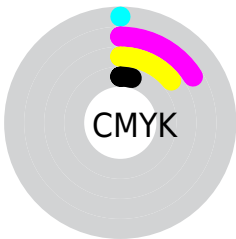
Distribution



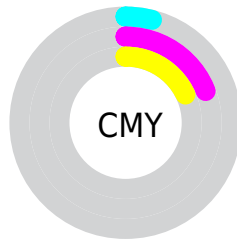
- Red (96%)
- Green (81%)
- Blue (82%)



- Red (96%)
- Yellow (81%)
- Blue (82%)



- Cyan (0%)
- Magenta (16%)
- Yellow (14%)
- Black (4%)



- Cyan (4%)
- Magenta (19%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 14.646, 12.336 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, 14.646, 12.336 by changing the saturation by 10% instead.

 86, 14.646, 12.336

 86, 14.646, 12.336

 100, 14.646,
12.336

 76, 14.646, 12.336

 66, 14.646, 12.336

 56, 14.646, 12.336

 46, 14.646, 12.336

 36, 14.646, 12.336

 26, 14.646, 12.336

 16, 14.646, 12.336

 6, 14.646, 12.336

 0, 14.646, 12.336

86, 14.646, 12.336

86, 14.646, 12.336

80, 24.598, 13.526

93, 5.276, 11.318

74, 35.069, 14.986

99, 3.494, 190.826

68, 45.898, 16.827

99, 3.567, 199.365

63, 56.823, 19.175

59, 67.491, 22.166

55, 77.519, 25.896

53, 86.574, 30.293

51, 94.226, 34.892

51, 96.861, 36.499

Harmonies

Complementary

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



86, 14.646, 12.336



94, 13.471, 189.746

Rectangle

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



86, 14.646, 12.336



86, 14.646, 62.336



86, 14.646, 192.336



86, 14.646, 242.336

Sweetspot

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



86, 14.644, 12.344



97, 4.585, 11.217



87, 23.788, 321.998



51, 3.135, 11.295



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

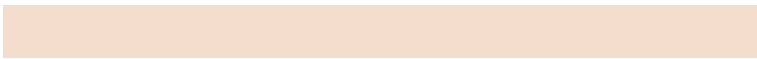
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 14.644, 12.344



87, 18.240, 12.687



90, 11.899, 60.285



48, 5.117, 11.680



39, 78.188, 35.741



8, 30.425, 20.860

Inverse Universe

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



86, 14.644, 12.344



87, 18.240, 12.687



90, 11.074, 243.745



48, 5.117, 11.680



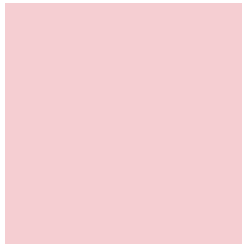
39, 78.188, 35.741



8, 30.425, 20.860

Previews

White Background



This preview shows how the CIELCh color 86, 14.646, 12.336 looks on a white background.

Color Contrast Check

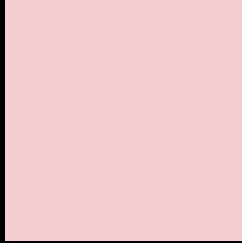
Large Text (above 18pt) WCAG AA × Fail

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, 14.646, 12.336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

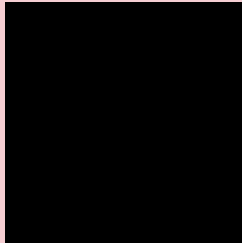
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 14.646, 12.336

Background



This preview shows how black text looks on a background with the CIELCh color 86, 14.646, 12.336.

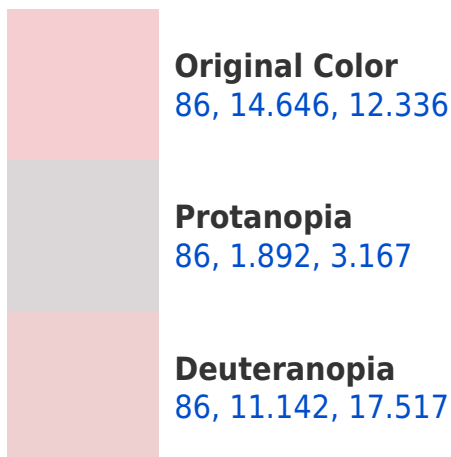



This preview shows how white text looks on a background with the CIELCh color 86, 14.646, 12.336.

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, 17.476, 352.233

Trichromacy



Original Color
86, 14.646, 12.336

Protanomaly
86, 6.313, 10.262

Deuteranomaly
86, 12.301, 15.442

Tritanomaly
86, 16.140, 359.853

Monochromacy



Original Color
86, 14.646, 12.336

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 5.135, 13.842

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 14.646, 12.336 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(245, 206, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 206, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 14.646, 12.336 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, 210) }
```

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

```
.border{ border-color:rgb(245, 206, 210) }
```

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, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 206, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 206, 210);  
box-shadow:4px 4px 4px 4px rgb(245, 206,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 14.646, 12.336 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, 210) }
```

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

```
.background{ background-color: rgb(245,  
206, 210) }
```

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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