

Converting Colors

CIELCh(86, 10.918, 16.695)

Have a look what the booklet for
CIELCh(86, 10.918, 16.695) contains.

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Color

CIELCh(86, 11.159, 14.846)

Conversions

Conversions Part 1

Format	Color
Hex	EED0D2
RGB	238, 208, 210
RGB Percent	93%, 82%, 82%
CMY	0.0664, 0.1840, 0.1762
CMYK	0.00, 0.13, 0.12, 0.07
HSL	356°, 47%, 87%
HSV	356°, 13%, 93%
XYZ	69.4935, 67.9871, 70.4742
YIQ	217.1980, 17.2380, 6.9820

Conversions

Conversions Part 2

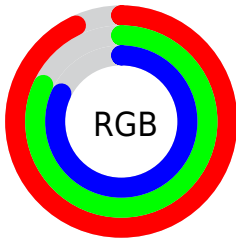
Format	Color
R _Y B	238, 208, 210
Decimal	15651026
CIE Lab	86.00, 10.79, 2.86
CIE LCh	86, 11.159, 14.846
Yxy	67.9871, 0.3342, 0.3269
Android (android.graphics.Color)	4293841106 (0xFFEED0D2)
YUV	217.1980, -3.5486, 18.2434
Hunter-Lab	82.4543, 6.1470, 7.0425

Details

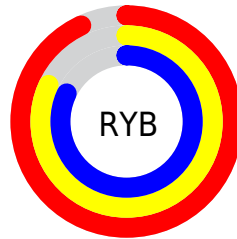
The CIELCh color **86, 11.159, 14.846** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 10.394, 193.052**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 11.053, 14.716** is the 20% darker color. If you saturate the color by 10%, you get **80, 20.718, 15.910**, and if you desaturate by 10%, it is **92, 2.224, 13.803**.

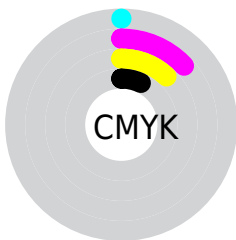
Distribution



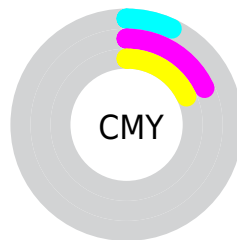
- Red (93%)
- Green (82%)
- Blue (82%)



- Red (93%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (12%)
- Black (7%)



- Cyan (7%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 11.159, 14.846 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, 11.159, 14.846 by changing the saturation by 10% instead.

86, 11.159, 14.846

86, 11.159, 14.846

100, 11.159,
14.846

76, 11.159, 14.846

66, 11.159, 14.846

56, 11.159, 14.846

46, 11.159, 14.846

36, 11.159, 14.846

26, 11.159, 14.846

16, 11.159, 14.846

6, 11.159, 14.846

0, 11.159, 14.846

86, 11.159, 14.846

86, 11.159, 14.846

80, 20.718, 15.910

92, 2.224, 13.803

74, 30.875, 17.213

99, 5.832, 196.691

68, 41.520, 18.865

99, 5.818, 199.151

63, 52.451, 20.983

58, 63.360, 23.695

55, 73.874, 27.096

52, 83.590, 31.135

50, 91.929, 35.385

50, 96.619, 37.968

Harmonies

Complementary

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



86, 11.159, 14.846



92, 10.394, 193.052

Rectangle

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



86, 11.159, 14.846



86, 11.159, 64.846



86, 11.159, 194.846



86, 11.159, 244.846

Sweetspot

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



86, 11.157, 14.856



97, 3.634, 14.010



87, 18.634, 323.267



51, 2.589, 14.097



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, 11.157, 14.856



90, 14.165, 15.098



89, 9.235, 66.425



47, 5.004, 14.559



38, 78.927, 37.372



8, 29.497, 21.124

Inverse Universe

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



86, 11.157, 14.856



90, 14.165, 15.098



89, 8.826, 249.489



47, 5.004, 14.559



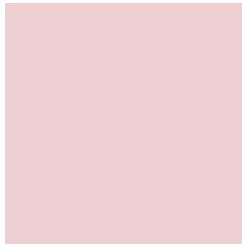
38, 78.927, 37.372



8, 29.497, 21.124

Previews

White Background



This preview shows how the CIELCh color 86, 11.159, 14.846 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, 11.159, 14.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

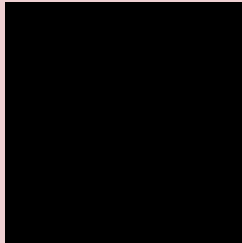
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 11.159, 14.846

Background



This preview shows how black text looks on a background with the CIELCh color 86, 11.159, 14.846.



This preview shows how white text looks on a background with the CIELCh color 86, 11.159, 14.846.

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, 11.159, 14.846

Protanopia

86, 1.813, 19.217

Deuteranopia

86, 11.159, 14.846



Tritanopia
86, 14.936, 346.491

Trichromacy



Original Color
86, 11.159, 14.846

Protanomaly
86, 5.144, 13.847

Deuteranomaly
86, 11.159, 14.846

Tritanomaly
86, 13.043, 354.258

Monochromacy



Original Color
86, 11.159, 14.846

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 4.007, 19.553

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 11.159, 14.846 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(238, 208, 210)` looks like.

```
.text, #text, p{  
    color:rgb(238, 208, 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(238, 208, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 208, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 11.159, 14.846 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(238, 208, 210) }
```

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

```
.border{ border-color:rgb(238, 208, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 208, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 208, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 208, 210);  
box-shadow:4px 4px 4px 4px rgb(238, 208,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 11.159, 14.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 208, 210) }
```

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

```
.background{ background-color: rgb(238,  
208, 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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