

Converting Colors

CIELCh(86, 11.421, 38.480)

Have a look what the booklet for
CIELCh(86, 11.421, 38.480) contains.

| | |
|--|----|
| CIELCh(86, 11.502, 38.577) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 20 |
| <i>Color Blindness Simulation</i> | 23 |
| <i>CSS Examples</i> | 26 |

Color

CIELCh(86, 11.502, 38.577)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | EED1CA |
| RGB | 238, 209, 202 |
| RGB Percent | 93%, 82%, 79% |
| CMY | 0.0670, 0.1807, 0.2081 |
| CMYK | 0.00, 0.12, 0.15, 0.07 |
| HSL | 12°, 51%, 86% |
| HSV | 12°, 15%, 93% |
| XYZ | 68.6662, 67.9871, 65.3336 |
| YIQ | 216.8730, 19.5310, 3.9710 |

Conversions

Conversions Part 2

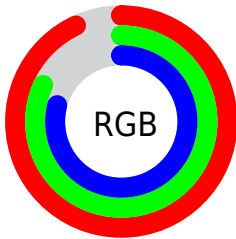
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 238, 211, 202 |
| Decimal | 15651274 |
| CIE Lab | 86.00, 8.99, 7.17 |
| CIE LCh | 86, 11.502, 38.577 |
| Yxy | 67.9871, 0.3400, 0.3366 |
| Android (android.graphics.Color) | 4293841354 (0xFFEED1CA) |
| YUV | 216.8730, -7.3324, 18.5284 |
| Hunter-Lab | 82.4543, 4.3560, 10.7389 |

Details

The CIELCh color **86, 11.502, 38.577** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 10.423, 219.364**, 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, 11.503, 39.797** is the 20% darker color. If you saturate the color by 10%, you get **81, 19.922, 38.618**, and if you desaturate by 10%, it is **91, 3.741, 38.592**.

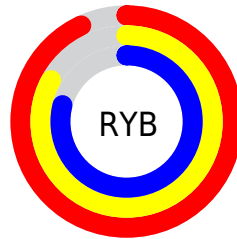
Distribution



Red (93%)

Green (82%)

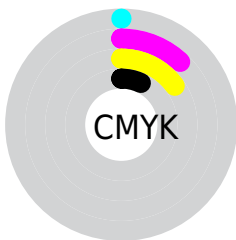
Blue (79%)



Red (93%)

Yellow (83%)

Blue (79%)

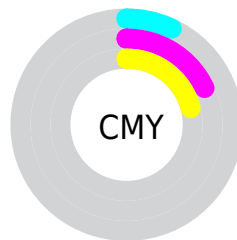


Cyan (0%)

Magenta (12%)

Yellow (15%)

Black (7%)



Cyan (7%)

Magenta (18%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 11.502, 38.577 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, 11.502, 38.577 by changing the saturation by 10% instead.

86, 11.502, 38.577

86, 11.502, 38.577

100, 11.502,
38.577

76, 11.502, 38.577

66, 11.502, 38.577

56, 11.502, 38.577

46, 11.502, 38.577

36, 11.502, 38.577

26, 11.502, 38.577

16, 11.502, 38.577

6, 11.502, 38.577

0, 11.502, 38.577

86, 11.502, 38.577

86, 11.502, 38.577

81, 19.922, 38.618

91, 3.741, 38.592

76, 29.048, 38.788

97, 3.418, 219.142

71, 38.895, 39.149

99, 5.867, 199.147

66, 49.425, 39.739

62, 60.506, 40.575

58, 71.825, 41.606

55, 82.673, 42.601

53, 91.514, 42.968

52, 94.865, 42.964

Harmonies

Complementary

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



86, 11.502, 38.577



90, 10.423, 219.364

Rectangle

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



86, 11.502, 38.577



86, 11.502, 88.577



86, 11.502, 218.577



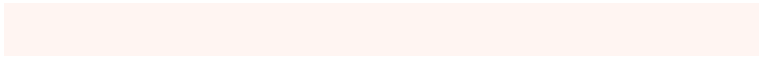
86, 11.502, 268.577

Sweetspot

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



86, 11.501, 38.590



97, 3.856, 38.590



85, 20.129, 330.877



51, 2.638, 38.600



0, 0.000, 0.000



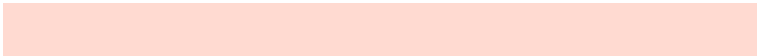
53, 0.007, 296.813

Same Dimension

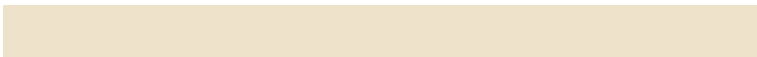
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 11.501, 38.590



90, 14.653, 38.587



90, 13.406, 90.524



47, 4.245, 38.608



40, 77.701, 43.348



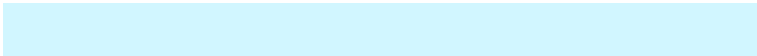
10, 26.286, 34.729

Inverse Universe

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



90, 10.423, 219.364



95, 13.005, 219.485



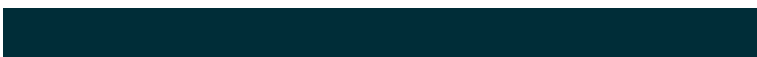
85, 13.408, 274.516



49, 3.999, 219.189



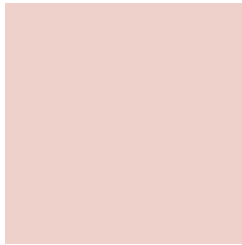
57, 34.243, 234.361



16, 14.852, 228.454

Previews

White Background



This preview shows how the CIELCh color 86, 11.502, 38.577 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 CIELCh color 86, 11.502, 38.577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

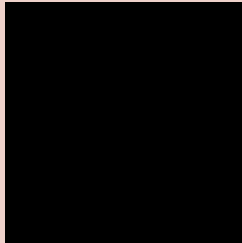
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 11.502, 38.577

Background



This preview shows how black text looks on a background with the CIELCh color 86, 11.502, 38.577.

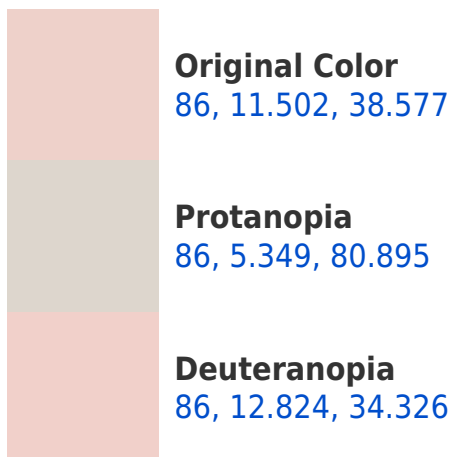


This preview shows how white text looks on a background with the CIELCh color 86, 11.502, 38.577.

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, 15.240, 347.302

Trichromacy



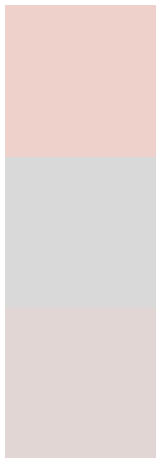
Original Color
86, 11.502, 38.577

Protanomaly
86, 6.954, 56.566

Deuteranomaly
86, 12.451, 34.734

Tritanomaly
86, 12.833, 1.391

Monochromacy



Original Color
86, 11.502, 38.577

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 4.145, 34.130

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 11.502, 38.577 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, 209, 202)` looks like.

```
.text, #text, p{  
    color:rgb(238, 209, 202)  
}
```

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, 209, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 209, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 11.502, 38.577 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, 209, 202) }
```

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

```
.border{ border-color:rgb(238, 209, 202) }
```

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

Here you see how a box with a 4 pixel rgb(238, 209, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 209, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 209, 202);  
box-shadow:4px 4px 4px 4px rgb(238, 209,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 11.502, 38.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 209, 202) }
```

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

```
.background{ background-color: rgb(238,  
209, 202) }
```

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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