

Converting Colors

CIELCh(86, 8.774, 350.179)

Have a look what the booklet for
CIELCh(86, 8.774, 350.179) contains.

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Color

CIELCh(86, 8.731, 351.383)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E7D2DA |
| RGB | 231, 210, 218 |
| RGB Percent | 91%, 82%, 85% |
| CMY | 0.0950, 0.1773, 0.1460 |
| CMYK | 0.00, 0.09, 0.06, 0.09 |
| HSL | 337°, 30%, 86% |
| HSV | 337°, 9%, 91% |
| XYZ | 68.5013, 67.9871, 75.6907 |
| YIQ | 217.1910, 9.9480, 6.9400 |

Conversions

Conversions Part 2

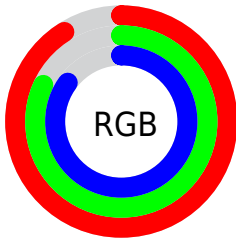
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 231, 210, 218 |
| Decimal | 15192794 |
| CIE Lab | 86.00, 8.63, -1.31 |
| CIE LCh | 86, 8.731, 351.383 |
| Yxy | 67.9871, 0.3228, 0.3204 |
| Android (android.graphics.Color) | 4293382874 (0xFFE7D2DA) |
| YUV | 217.1910, 0.3988, 12.1105 |
| Hunter-Lab | 82.4543, 3.9990, 3.2915 |

Details

The CIELCh color $86, 8.731, 351.383$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $90, 8.557, 169.842$, 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 $66, 8.282, 352.348$ is the 20% darker color. If you saturate the color by 10%, you get $80, 18.611, 352.458$, and if you desaturate by 10%, it is $92, 0.845, 171.124$.

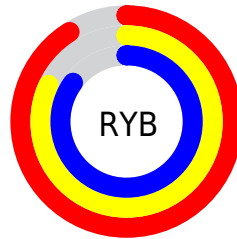
Distribution



Red (91%)

Green (82%)

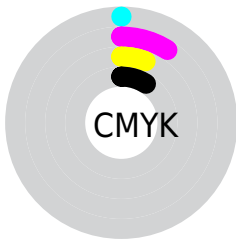
Blue (85%)



Red (91%)

Yellow (82%)

Blue (85%)

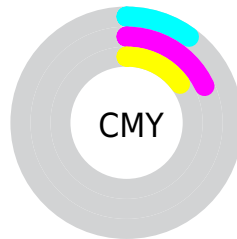


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (9%)



Cyan (10%)

Magenta (18%)

Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 8.731, 351.383 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, 8.731, 351.383 by changing the saturation by 10% instead.

 86, 8.731, 351.383

 86, 8.731, 351.383

 100, 8.731,
351.383

 76, 8.731, 351.383

 66, 8.731, 351.383

 56, 8.731, 351.383


 46, 8.731, 351.383

 36, 8.731, 351.383

 26, 8.731, 351.383

 16, 8.731, 351.383

 6, 8.731, 351.383

 0, 8.731, 351.383

86, 8.731, 351.383

86, 8.731, 351.383

80, 18.611,
352.458

92, 0.845, 171.124

98, 9.537, 171.331

74, 28.691,
353.661

98, 8.263, 198.963

69, 38.776,
355.067

64, 48.565,
356.751

59, 57.641,
358.817

55, 65.511, 1.407

52, 71.719, 4.698

50, 76.052, 8.862

49, 78.878, 13.908

Harmonies

Complementary

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



86, 8.731, 351.383



90, 8.557, 169.842

Rectangle

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



86, 8.731, 351.383



86, 8.731, 41.383



86, 8.731, 171.383



86, 8.731, 221.383

Sweetspot

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



86, 8.729, 351.390



98, 3.092, 350.704



86, 12.000, 313.403



52, 2.346, 350.814



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, 8.729, 351.390



93, 11.483, 351.594



86, 6.949, 30.394



45, 5.429, 351.427



38, 65.128, 13.376



7, 26.834, 3.577

Inverse Universe

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



86, 8.729, 351.390



93, 11.483, 351.594



89, 6.551, 210.308



45, 5.429, 351.427



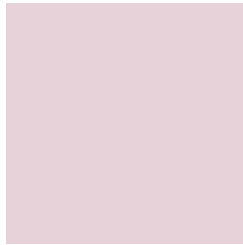
38, 65.128, 13.376



7, 26.834, 3.577

Previews

White Background



This preview shows how the CIELCh color 86, 8.731, 351.383 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, 8.731, 351.383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

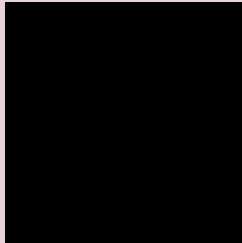
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

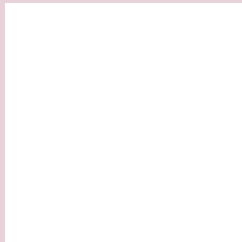
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 8.731, 351.383

Background



This preview shows how black text looks on a background with the CIELCh color 86, 8.731, 351.383.



This preview shows how white text looks on a background with the CIELCh color 86, 8.731, 351.383.

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, 8.731, 351.383

Protanopia

86, 3.348, 309.149

Deuteranopia

86, 11.166, 352.310



Tritanopia
86, 11.821, 335.114

Trichromacy



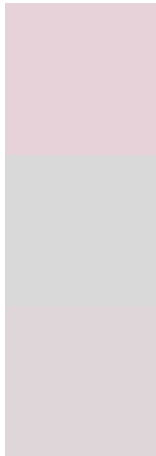
Original Color
86, 8.731, 351.383

Protanomaly
86, 5.177, 334.520

Deuteranomaly
86, 9.948, 351.888

Tritanomaly
86, 10.781, 341.040

Monochromacy



Original Color
86, 8.731, 351.383

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 3.310, 351.154

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 8.731, 351.383 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(231, 210, 218)` looks like.

```
.text, #text, p{  
    color:rgb(231, 210, 218)  
}
```

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(231, 210, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 210, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 8.731, 351.383 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(231, 210, 218) }
```

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

```
.border{ border-color:rgb(231, 210, 218) }
```

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

Here you see how a box with a 4 pixel rgb(231, 210, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 210, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 210, 218);  
box-shadow:4px 4px 4px 4px rgb(231, 210,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 8.731, 351.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 210, 218) }
```

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

```
.background{ background-color: rgb(231,  
210, 218) }
```

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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