

Converting Colors

CIELCh(85, 8.340, 350.891)

Have a look what the booklet for
CIELCh(85, 8.340, 350.891) contains.

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Color

CIELCh(85, 8.434, 350.158)

Conversions

Conversions Part 1

Format	Color
Hex	E3CFD7
RGB	227, 207, 215
RGB Percent	89%, 81%, 84%
CMY	0.1090, 0.1874, 0.1560
CMYK	0.00, 0.09, 0.05, 0.11
HSL	336°, 26%, 85%
HSV	336°, 9%, 89%
XYZ	66.3993, 66.0070, 73.6702
YIQ	213.8920, 9.3520, 6.7280

Conversions

Conversions Part 2

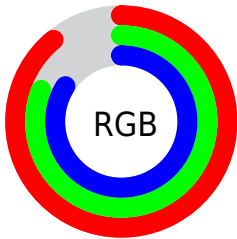
Format	Color
R _Y B	227, 207, 215
Decimal	14929879
CIE Lab	85.00, 8.31, -1.44
CIE LCh	85, 8.434, 350.158
Yxy	66.0070, 0.3222, 0.3203
Android (android.graphics.Color)	4293119959 (0xFFE3CFD7)
YUV	213.8920, 0.5462, 11.4957
Hunter-Lab	81.2447, 3.7055, 3.1089

Details

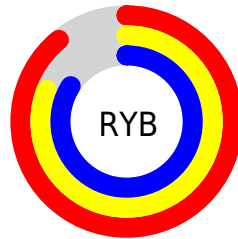
The CIELCh color **85, 8.434, 350.158** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **89, 8.282, 168.693**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 8.311, 352.366** is the 20% darker color. If you saturate the color by 10%, you get **79, 18.277, 351.212**, and if you desaturate by 10%, it is **91, 1.120, 169.756**.

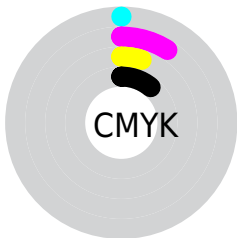
Distribution



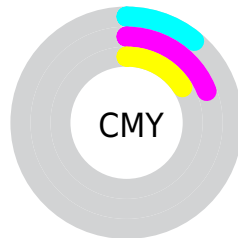
- Red (89%)
- Green (81%)
- Blue (84%)



- Red (89%)
- Yellow (81%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (11%)



- Cyan (11%)
- Magenta (19%)
- Yellow (16%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 8.434, 350.158 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 85, 8.434, 350.158 by changing the saturation by 10% instead.

 85, 8.434, 350.158

 85, 8.434, 350.158

 100, 8.434,
350.158

 75, 8.434, 350.158

 65, 8.434, 350.158

 55, 8.434, 350.158

 45, 8.434, 350.158

 35, 8.434, 350.158

 25, 8.434, 350.158

 15, 8.434, 350.158

 5, 8.434, 350.158

 0, 8.434, 350.158

85, 8.434, 350.158

85, 8.434, 350.158

79, 18.277,
351.212

91, 1.120, 169.756

73, 28.305,
352.386

97, 10.324,
168.561

68, 38.322,
353.751

98, 9.445, 198.879

63, 48.028,
355.376

58, 57.008,
357.362

55, 64.768,
359.844

52, 70.843, 2.991

50, 74.995, 6.981

■ 49, 77.546, 11.858

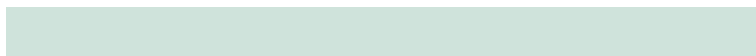
Harmonies

Complementary

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



85, 8.434, 350.158



89, 8.282, 168.693

Rectangle

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



85, 8.434, 350.158



85, 8.434, 40.158



85, 8.434, 170.158



85, 8.434, 220.158

Sweetspot

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



85, 8.432, 350.165



98, 3.129, 349.520



85, 11.417, 312.838



52, 2.374, 349.628



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 8.432, 350.165



93, 11.612, 350.396



85, 6.724, 28.745



45, 5.491, 350.232



38, 64.878, 11.538



7, 26.910, 2.298

Inverse Universe

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



85, 8.432, 350.165



93, 11.612, 350.396



88, 6.352, 208.547



45, 5.491, 350.232



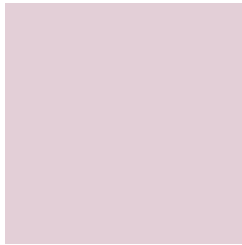
38, 64.878, 11.538



7, 26.910, 2.298

Previews

White Background



This preview shows how the CIELCh color 85, 8.434, 350.158 looks on a white background.

Color Contrast Check

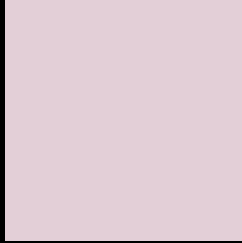
Large Text (above 18pt) WCAG AA × Fail

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 85, 8.434, 350.158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

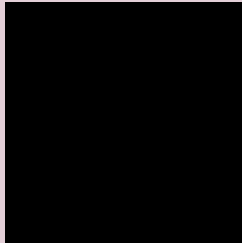
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

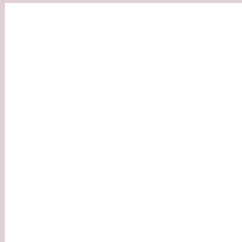
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 8.434, 350.158

Background



This preview shows how black text looks on a background with the CIELCh color 85, 8.434, 350.158.




This preview shows how white text looks on a background with the CIELCh color 85, 8.434, 350.158.

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
85, 11.601, 333.819

Trichromacy



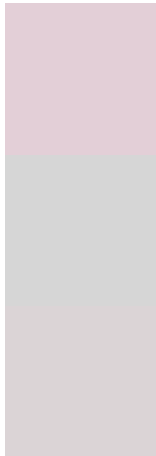
Original Color
85, 8.434, 350.158

Protanomaly
85, 4.939, 331.507

Deuteranomaly
85, 10.225, 349.300

Tritanomaly
85, 10.873, 337.648

Monochromacy



Original Color
85, 8.434, 350.158

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 2.760, 357.065

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 8.434, 350.158 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(227, 207, 215)` looks like.

```
.text, #text, p{  
    color:rgb(227, 207, 215)  
}
```

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(227, 207, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 207, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 8.434, 350.158 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(227, 207, 215) }
```

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

```
.border{ border-color:rgb(227, 207, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 207, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 207, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 207, 215);  
box-shadow:4px 4px 4px 4px rgb(227, 207,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 8.434, 350.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 207, 215) }
```

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

```
.background{ background-color: rgb(227,  
207, 215) }
```

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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