

Converting Colors

CIELCh(85, 8.917, 285.945)

Have a look what the booklet for
CIELCh(85, 8.917, 285.945) contains.

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Color

CIELCh(85, 8.967, 286.483)

Conversions

Conversions Part 1

Format	Color
Hex	D1D3E4
RGB	209, 211, 228
RGB Percent	82%, 83%, 89%
CMY	0.1789, 0.1711, 0.1044
CMYK	0.08, 0.07, 0.00, 0.10
HSL	234°, 26%, 86%
HSV	234°, 8%, 90%
XYZ	63.8441, 66.0070, 83.0511
YIQ	212.3400, -6.6490, 4.8630

Conversions

Conversions Part 2

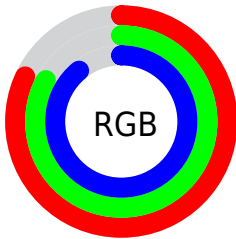
Format	Color
R _Y B	209, 211, 228
Decimal	13751268
CIE Lab	85.00, 2.54, -8.60
CIE LCh	85, 8.967, 286.483
Yxy	66.0070, 0.2999, 0.3100
Android (android.graphics.Color)	4291941348 (0xFFD1D3E4)
YUV	212.3400, 7.7204, -2.9292
Hunter-Lab	81.2447, -1.9086, -3.7370

Details

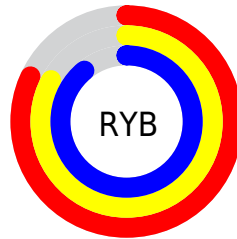
The CIELCh color $85, 8.967, 286.483$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $90, 8.826, 104.657$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $65, 8.915, 286.423$ is the 20% darker color. If you saturate the color by 10%, you get $78, 20.083, 287.748$, and if you desaturate by 10%, it is $92, 1.764, 105.302$.

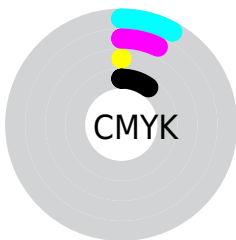
Distribution



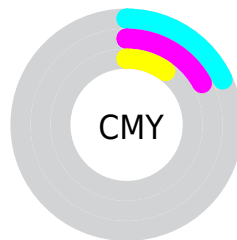
- Red (82%)
- Green (83%)
- Blue (89%)



- Red (82%)
- Yellow (83%)
- Blue (89%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (18%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 8.967, 286.483 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, 8.967, 286.483 by changing the saturation by 10% instead.

■ 85, 8.967, 286.483

■ 85, 8.967, 286.483

■ 100, 8.967,
286.483

■ 75, 8.967, 286.483

■ 65, 8.967, 286.483

■ 55, 8.967, 286.483

■ 45, 8.967, 286.483

■ 35, 8.967, 286.483

■ 25, 8.967, 286.483

■ 15, 8.967, 286.483

■ 5, 8.967, 286.483

■ 0, 8.967, 286.483

85, 8.967, 286.483

85, 8.967, 286.483

78, 20.083,
287.748

92, 1.764, 105.302

71, 31.623,
289.249

99, 12.133,
104.515

64, 43.620,
291.009

99, 13.470,
109.160

57, 56.102,
293.051

51, 69.049,
295.373

44, 82.312,
297.915

39, 95.430,
300.527

34, 107.394,
302.948

■ 31,116.655,
304.844

Harmonies

Complementary

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



85, 8.967, 286.483



90, 8.826, 104.657

Rectangle

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



85, 8.967, 286.483



85, 8.967, 336.483



85, 8.967, 106.483



85, 8.967, 156.483

Sweetspot

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



85, 8.965, 286.475



98, 2.339, 285.809



89, 6.788, 189.221



53, 1.330, 285.801



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, 8.965, 286.475



92, 11.815, 286.681



85, 10.370, 305.315



44, 6.154, 286.609



23, 97.122, 304.815



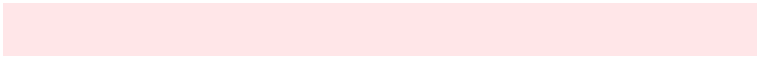
3, 31.219, 294.645

Inverse Universe

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



86, 7.058, 11.327



93, 9.327, 11.501



90, 10.214, 124.484



45, 4.854, 11.441



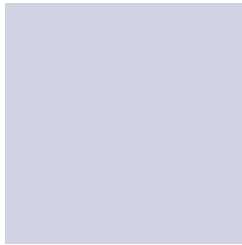
37, 75.531, 35.447



6, 26.808, 17.391

Previews

White Background



This preview shows how the CIELCh color 85, 8.967, 286.483 looks on a white background.

Color Contrast Check

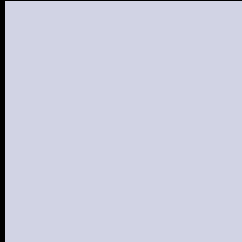
Large Text (above 18pt) WCAG AA × Fail

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, 8.967, 286.483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

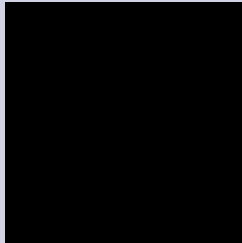
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

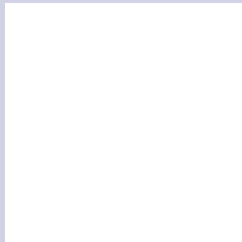
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 8.967, 286.483

Background



This preview shows how black text looks on a background with the CIELCh color 85, 8.967, 286.483.

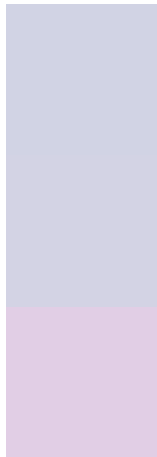


This preview shows how white text looks on a background with the CIELCh color 85, 8.967, 286.483.

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

85, 8.967, 286.483

Protanopia

85, 8.951, 290.944

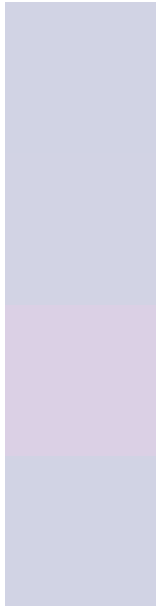
Deuteranopia

85, 13.924, 320.023



Tritanopia
85, 8.967, 286.483

Trichromacy



Original Color
85, 8.967, 286.483

Protanomaly
85, 8.952, 288.709

Deuteranomaly
85, 11.775, 310.287

Tritanomaly
85, 8.967, 286.483

Monochromacy



Original Color
85, 8.967, 286.483

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.688, 290.509

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 8.967, 286.483 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(209, 211, 228)` looks like.

```
.text, #text, p{  
    color:rgb(209, 211, 228)  
}
```

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(209, 211, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 211, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 8.967, 286.483 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(209, 211, 228) }
```

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

```
.border{ border-color:rgb(209, 211, 228) }
```

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

Here you see how a box with a 4 pixel rgb(209, 211, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 211, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 211, 228);  
box-shadow:4px 4px 4px 4px rgb(209, 211,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 8.967, 286.483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 211, 228) }
```

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

```
.background{ background-color: rgb(209,  
211, 228) }
```

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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