

Converting Colors

CIELCh(85, 7.912, 285.779)

Have a look what the booklet for
CIELCh(85, 7.912, 285.779) contains.

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Color

CIELCh(85, 7.912, 285.779)

Conversions

Conversions Part 1

Format	Color
Hex	D2D4E3
RGB	210, 212, 227
RGB Percent	82%, 83%, 89%
CMY	0.1783, 0.1704, 0.1117
CMYK	0.08, 0.07, 0.00, 0.11
HSL	233°, 23%, 86%
HSV	233°, 8%, 89%
XYZ	63.6725, 66.0070, 81.7158
YIQ	213.1120, -6.0070, 4.2410

Conversions

Conversions Part 2

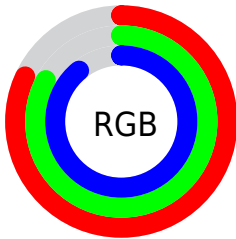
Format	Color
R _Y B	210, 212, 227
Decimal	13817059
CIE Lab	85.00, 2.15, -7.61
CIE LCh	85, 7.912, 285.779
Yxy	66.0070, 0.3012, 0.3122
Android (android.graphics.Color)	4292007139 (0xFFD2D4E3)
YUV	213.1120, 6.8468, -2.7292
Hunter-Lab	81.2447, -2.2856, -2.7625

Details

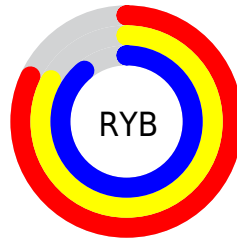
The CIELCh color **85, 7.912, 285.779** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **89, 7.800, 104.114**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 8.344, 288.545** is the 20% darker color. If you saturate the color by 10%, you get **78, 18.767, 287.035**, and if you desaturate by 10%, it is **92, 2.576, 104.617**.

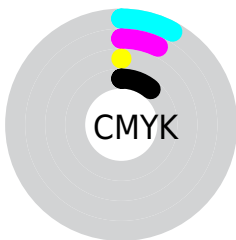
Distribution



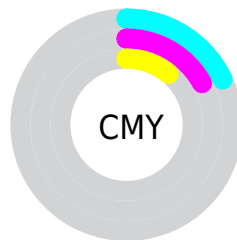
- Red (82%)
- Green (83%)
- Blue (89%)



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



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 7.912, 285.779 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, 7.912, 285.779 by changing the saturation by 10% instead.

■ 85, 7.912, 285.779

■ 85, 7.912, 285.779

■ 100, 7.912,
285.779

■ 75, 7.912, 285.779

■ 65, 7.912, 285.779

■ 55, 7.912, 285.779

■ 45, 7.912, 285.779

■ 35, 7.912, 285.779

■ 25, 7.912, 285.779

■ 15, 7.912, 285.779

■ 5, 7.912, 285.779

■ 0, 7.912, 285.779

85, 7.912, 285.779

85, 7.912, 285.779

78, 18.767,
287.035

92, 2.576, 104.617

71, 30.025,
288.527

98, 12.720,
103.724

65, 41.720,
290.278

99, 14.406,
109.089

58, 53.882,
292.312

51, 66.505,
294.633

45, 79.479,
297.193

39, 92.429,
299.858

34, 104.492,
302.386

■ 31, 114.246,
304.454

Harmonies

Complementary

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



85, 7.912, 285.779



89, 7.800, 104.114

Rectangle

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



85, 7.912, 285.779



85, 7.912, 335.779



85, 7.912, 105.779



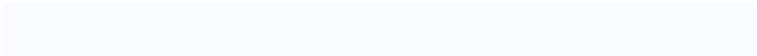
85, 7.912, 155.779

Sweetspot

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



85, 7.910, 285.770



99, 2.308, 285.196



89, 6.119, 187.939



53, 1.312, 285.188



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, 7.910, 285.770



93, 10.472, 285.952



85, 9.250, 304.669



44, 5.960, 285.998



23, 95.197, 304.549



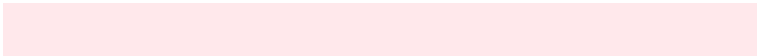
3, 29.057, 293.304

Inverse Universe

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



85, 6.319, 10.250



94, 8.387, 10.409



89, 9.117, 123.906



44, 4.776, 10.448



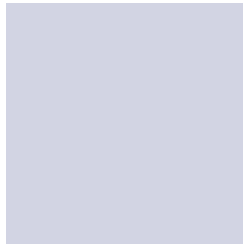
37, 74.109, 34.710



6, 25.325, 15.965

Previews

White Background



This preview shows how the CIELCh color 85, 7.912, 285.779 looks on a white background.

Color Contrast Check

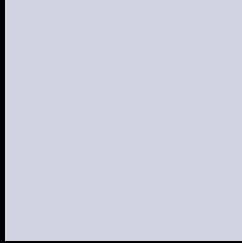
Large Text (above 18pt) WCAG AA × Fail

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, 7.912, 285.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

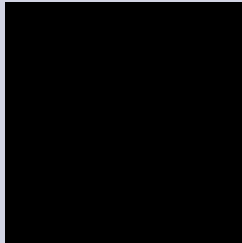
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

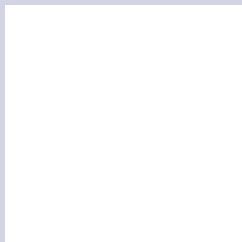
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 7.912, 285.779

Background



This preview shows how black text looks on a background with the CIELCh color 85, 7.912, 285.779.

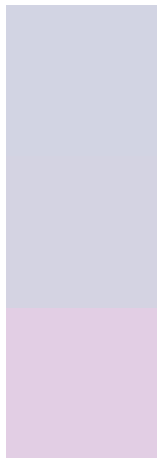


This preview shows how white text looks on a background with the CIELCh color 85, 7.912, 285.779.

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, 7.912, 285.779

Protanopia

85, 7.912, 293.401

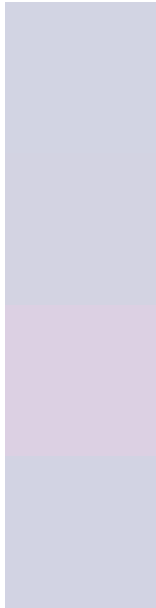
Deuteranopia

85, 13.653, 322.425



Tritanopia
85, 8.952, 288.709

Trichromacy



Original Color
85, 7.912, 285.779

Protanomaly
85, 7.899, 290.856

Deuteranomaly
85, 10.925, 313.860

Tritanomaly
85, 8.427, 288.521

Monochromacy



Original Color
85, 7.912, 285.779

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 3.163, 290.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 7.912, 285.779 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(210, 212, 227)` looks like.

```
.text, #text, p{  
    color:rgb(210, 212, 227)  
}
```

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(210, 212, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 212, 227) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 7.912, 285.779 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(210, 212, 227) }
```

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

```
.border{ border-color:rgb(210, 212, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 212, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 212, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 212, 227);  
box-shadow:4px 4px 4px 4px rgb(210, 212,  
227) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 7.912, 285.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 212, 227) }
```

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

```
.background{ background-color: rgb(210,  
212, 227) }
```

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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