

Converting Colors

CIELCh(85, 2.026, 140.639)

Have a look what the booklet for
CIELCh(85, 2.026, 140.639) contains.

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Color

CIELCh(85, 1.916, 144.505)

Conversions

Conversions Part 1

Format	Color
Hex	D2D5D2
RGB	210, 213, 210
RGB Percent	82%, 84%, 82%
CMY	0.1761, 0.1643, 0.1761
CMYK	0.01, 0.00, 0.01, 0.16
HSL	120°, 3%, 83%
HSV	120°, 1%, 84%
XYZ	62.0657, 66.0070, 70.5018
YIQ	211.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

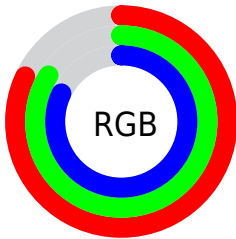
Format	Color
R _Y B	210, 213, 213
Decimal	13817298
CIE Lab	85.00, -1.56, 1.11
CIE LCh	85, 1.916, 144.505
Yxy	66.0070, 0.3126, 0.3324
Android (android.graphics.Color)	4292007378 (0xFFD2D5D2)
YUV	211.7610, -0.8682, -1.5444
Hunter-Lab	81.2447, -5.8158, 5.4212

Details

The CIELCh color **85, 1.916, 144.505** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 1.936, 324.381**, 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, 1.349, 144.534** is the 20% darker color. If you saturate the color by 10%, you get **83, 15.706, 143.777**, and if you desaturate by 10%, it is **87, 11.636, 324.853**.

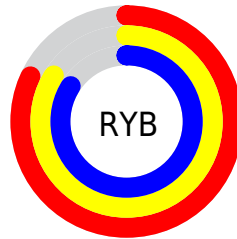
Distribution



Red (82%)

Green (84%)

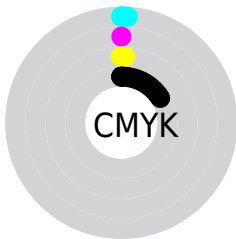
Blue (82%)



Red (82%)

Yellow (84%)

Blue (84%)

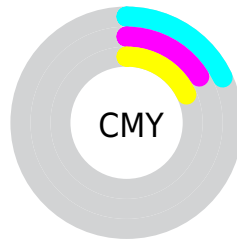


Cyan (1%)

Magenta (0%)

Yellow (1%)

Black (16%)



Cyan (18%)

Magenta (16%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 1.916, 144.505 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, 1.916, 144.505 by changing the saturation by 10% instead.

■ 85, 1.916, 144.505

■ 85, 1.916, 144.505

■ 100, 1.916,
144.505

■ 75, 1.916, 144.505

■ 65, 1.916, 144.505

■ 55, 1.916, 144.505

■ 45, 1.916, 144.505

■ 35, 1.916, 144.505

■ 25, 1.916, 144.505

■ 15, 1.916, 144.505

■ 5, 1.916, 144.505

■ 0, 1.916, 144.505

■ 85, 1.916, 144.505

■ 85, 1.916, 144.505

■ 83, 15.706,
143.777

■ 87, 11.636,
324.853

■ 81, 29.581,
143.056

■ 90, 24.860,
325.297

■ 80, 43.336,
142.220

■ 90, 26.258,
325.339


■ 78, 56.693,
141.263

■ 77, 69.297,
140.195

■ 76, 80.705,
139.061

■ 75, 90.396,
137.947

■ 75, 97.810,
136.987

 75,102.500,
136.327

Harmonies

Complementary

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



85, 1.916, 144.505



85, 1.936, 324.381

Rectangle

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



85, 1.916, 144.505



85, 1.916, 194.505



85, 1.916, 324.505



85, 1.916, 14.505

Sweetspot

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



85, 1.918, 144.506

100, 0.012, 296.813



85, 1.566, 110.001



53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



85, 1.918, 144.506



100, 3.155, 144.429



85, 1.342, 163.853



45, 1.554, 144.444



61, 88.725, 136.016



14, 32.164, 141.115

Inverse Universe

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



85, 1.936, 324.381



99, 3.176, 324.456



85, 1.358, 343.452



45, 1.565, 324.442



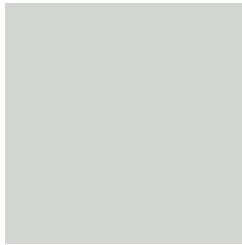
41, 85.604, 328.234



6, 32.950, 328.044

Previews

White Background



This preview shows how the CIELCh color 85, 1.916, 144.505 looks on a white background.

Color Contrast Check

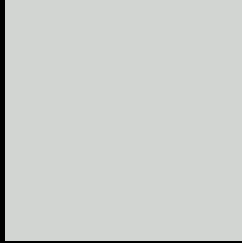
Large Text (above 18pt) WCAG AA × Fail

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, 1.916, 144.505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

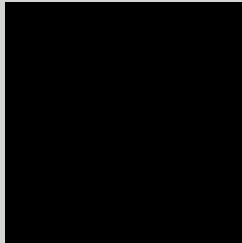
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

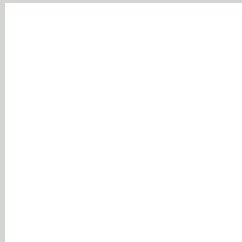
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 1.916, 144.505

Background



This preview shows how black text looks on a background with the CIELCh color 85, 1.916, 144.505.

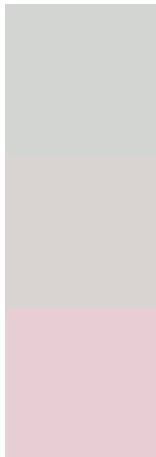


This preview shows how white text looks on a background with the CIELCh color 85, 1.916, 144.505.

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

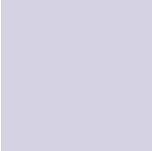
85, 1.916, 144.505

Protanopia

85, 2.416, 45.024

Deuteranopia

85, 10.938, 0.642



Tritanopia
85, 9.035, 297.636

Trichromacy



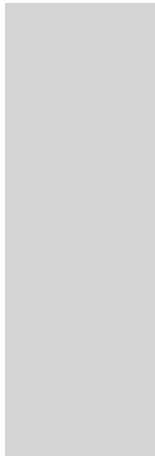
Original Color
85, 1.916, 144.505

Protanomaly
85, 1.719, 84.951

Deuteranomaly
85, 6.432, 5.663

Tritanomaly
85, 5.286, 294.488

Monochromacy



Original Color
85, 1.916, 144.505

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 0.633, 144.842

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 1.916, 144.505 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, 213, 210)` looks like.

```
.text, #text, p{  
    color:rgb(210, 213, 210)  
}
```

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, 213, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 213, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 1.916, 144.505 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, 213, 210) }
```

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

```
.border{ border-color:rgb(210, 213, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 213, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 213, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 213, 210);  
box-shadow:4px 4px 4px 4px rgb(210, 213,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 1.916, 144.505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 213, 210) }
```

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

```
.background{ background-color: rgb(210,  
213, 210) }
```

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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