

Converting Colors

CIELCh(85, 8.846, 128.744)

Have a look what the booklet for
CIELCh(85, 8.846, 128.744) contains.

CIELCh(85, 8.909, 128.756)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(85, 8.909, 128.756)

Conversions

Conversions Part 1

Format	Color
Hex	CFD7C7
RGB	207, 215, 199
RGB Percent	81%, 84%, 78%
CMY	0.1881, 0.1567, 0.2195
CMYK	0.04, 0.00, 0.07, 0.16
HSL	90°, 17%, 81%
HSV	90°, 7%, 84%
XYZ	60.3573, 66.0070, 63.6070
YIQ	210.7840, 0.3680, -6.6720

Conversions

Conversions Part 2

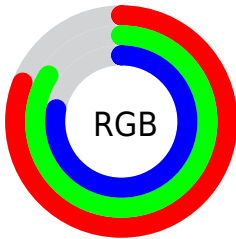
Format	Color
RYB	199, 215, 207
Decimal	13621191
CIELab	85.00, -5.58, 6.95
CIELCh	85, 8.909, 128.756
Yxy	66.0070, 0.3177, 0.3475
Android (android.graphics.Color)	4291811271 (0xFFCFD7C7)
YUV	210.7840, -5.8095, -3.3186
Hunter-Lab	81.2447, -9.5692, 10.4528

Details

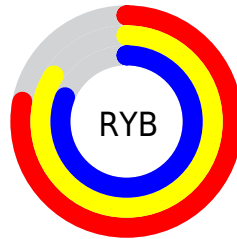
The CIELCh color **85, 8.909, 128.756** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81, 9.014, 309.389**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 8.763, 127.489** is the 20% darker color. If you saturate the color by 10%, you get **84, 20.918, 128.288**, and if you desaturate by 10%, it is **86, 3.066, 309.140**.

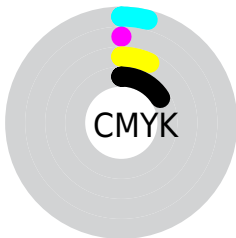
Distribution



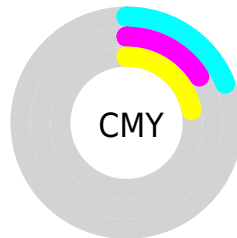
- Red (81%)
- Green (84%)
- Blue (78%)



- Red (78%)
- Yellow (84%)
- Blue (81%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (19%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 8.909, 128.756 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, 8.909, 128.756 by changing the saturation by 10% instead.

■ 85, 8.909, 128.756

■ 85, 8.909, 128.756

■ 100, 8.909,
128.756

■ 75, 8.909, 128.756

■ 65, 8.909, 128.756

■ 55, 8.909, 128.756

■ 45, 8.909, 128.756

■ 35, 8.909, 128.756

■ 25, 8.909, 128.756

■ 15, 8.909, 128.756

■ 5, 8.909, 128.756

■ 0, 8.909, 128.756

85, 8.909, 128.756

85, 8.909, 128.756

84, 20.918,
128.288

86, 3.066, 309.140

83, 32.867,
127.802

88, 14.952,
309.571

82, 44.632,
127.317

89, 22.549,
313.381

81, 56.031,
126.867

90, 24.148,
321.772

80, 66.803,
126.505

90, 25.040,
325.297

79, 76.574,
126.318

78, 84.862,
126.419

78, 91.156,
126.937

■ 77, 95.218,
127.938

Harmonies

Complementary

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



85, 8.909, 128.756



81, 9.014, 309.389

Rectangle

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



85, 8.909, 128.756



85, 8.909, 178.756



85, 8.909, 308.756



85, 8.909, 358.756

Sweetspot

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



85, 8.911, 128.761



100, 2.738, 129.038



84, 5.132, 74.441



53, 1.556, 129.045



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, 8.911, 128.761



99, 12.381, 128.684



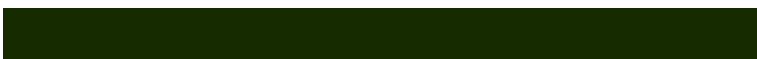
84, 10.293, 144.037



45, 6.778, 128.668



63, 80.737, 127.954



15, 27.750, 128.975

Inverse Universe

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



81, 9.014, 309.389



93, 12.546, 309.468



82, 10.312, 324.823



42, 6.871, 309.484



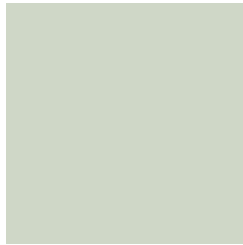
26, 92.374, 311.965



3, 28.975, 308.410

Previews

White Background



This preview shows how the CIELCh color 85, 8.909, 128.756 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, 8.909, 128.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

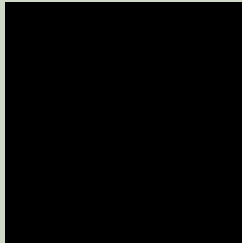
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

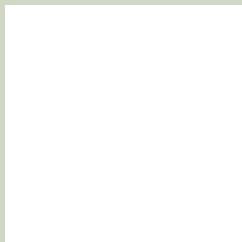
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 8.909, 128.756

Background



This preview shows how black text looks on a background with the CIELCh color 85, 8.909, 128.756.



This preview shows how white text looks on a background with the CIELCh color 85, 8.909, 128.756.

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, 8.909, 128.756

Protanopia

85, 7.908, 87.327

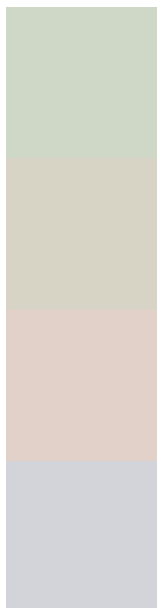
Deuteranopia

85, 12.220, 30.071



Tritanopia
85, 8.425, 290.900

Trichromacy



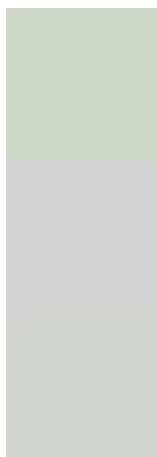
Original Color
85, 8.909, 128.756

Protanomaly
85, 7.411, 100.885

Deuteranomaly
85, 7.905, 56.261

Tritanomaly
85, 2.721, 275.218

Monochromacy



Original Color
85, 8.909, 128.756

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.725, 125.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 8.909, 128.756 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(207, 215, 199)` looks like.

```
.text, #text, p{  
    color:rgb(207, 215, 199)  
}
```

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(207, 215, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 215, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 8.909, 128.756 is called "border". The border property can be set on classes, ids or directly on the HTML element.

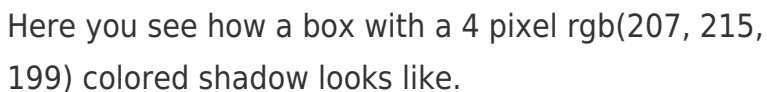
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 215, 199) }
```

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

```
.border{ border-color:rgb(207, 215, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 215, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 215, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 215, 199);  
box-shadow:4px 4px 4px 4px rgb(207, 215,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 8.909, 128.756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 215, 199) }
```

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

```
.background{ background-color: rgb(207,  
215, 199) }
```

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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