

Converting Colors

CIELCh(85, 3.087, 110.910)

Have a look what the booklet for
CIELCh(85, 3.087, 110.910) contains.

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Color

CIELCh(85, 3.138, 109.888)

Conversions

Conversions Part 1

Format	Color
Hex	D5D5CF
RGB	213, 213, 207
RGB Percent	84%, 84%, 81%
CMY	0.1660, 0.1660, 0.1895
CMYK	0.00, 0.00, 0.03, 0.17
HSL	60°, 7%, 82%
HSV	60°, 3%, 83%
XYZ	62.2773, 66.0070, 68.2784
YIQ	212.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

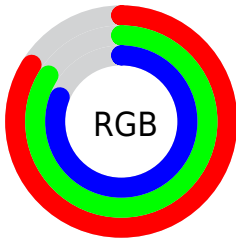
Format	Color
RYP	207, 213, 207
Decimal	14013903
CIE Lab	85.00, -1.07, 2.95
CIE LCh	85, 3.138, 109.888
Yxy	66.0070, 0.3168, 0.3358
Android (android.graphics.Color)	4292203983 (0xFFD5D5CF)
YUV	212.3160, -2.6208, 0.5999
Hunter-Lab	81.2447, -5.3508, 7.0438

Details

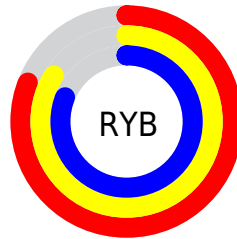
The CIELCh color **85, 3.138, 109.888** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 3.178, 290.499**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 2.765, 109.863** is the 20% darker color. If you saturate the color by 10%, you get **85, 14.274, 108.967**, and if you desaturate by 10%, it is **86, 8.027, 290.888**.

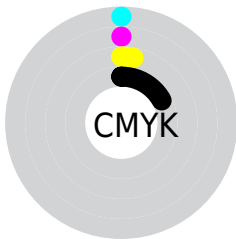
Distribution



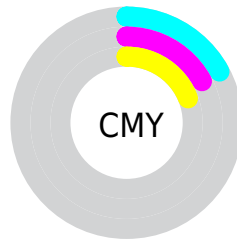
- Red (84%)
- Green (84%)
- Blue (81%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)



- Cyan (17%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 3.138, 109.888 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, 3.138, 109.888 by changing the saturation by 10% instead.

■ 85, 3.138, 109.888

■ 85, 3.138, 109.888

■ 100, 3.138,
109.888

■ 75, 3.138, 109.888

■ 65, 3.138, 109.888

■ 55, 3.138, 109.888

■ 45, 3.138, 109.888

■ 35, 3.138, 109.888

■ 25, 3.138, 109.888

■ 15, 3.138, 109.888

■ 5, 3.138, 109.888

■ 0, 3.138, 109.888

85, 3.138, 109.888

85, 3.138, 109.888

85, 14.274,
108.967

86, 8.027, 290.888

84, 25.315,
108.000

86, 19.187,
291.800

84, 36.172,
107.040

86, 22.223,
292.052

83, 46.702,
106.109

86, 22.223,
292.063

83, 56.684,
105.235

86, 22.223,
292.075

83, 65.787,
104.449

86, 22.223,
292.087

83, 73.558,
103.790

86, 22.223,
292.099

83, 79.465,
103.300

86, 22.223,
292.111

■ 83, 83.089,
103.006

■ 86, 22.223,
292.123

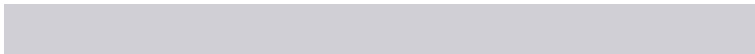
Harmonies

Complementary

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



85, 3.138, 109.888



83, 3.178, 290.499

Rectangle

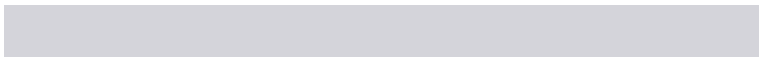
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 3.138, 109.888



85, 3.138, 159.888



85, 3.138, 289.888



85, 3.138, 339.888

Sweetspot

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



85, 3.140, 109.914



100, 1.282, 110.048



83, 2.192, 19.312



53, 0.729, 110.049



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, 3.140, 109.914



100, 3.868, 109.895



85, 3.339, 128.984



45, 2.542, 109.828



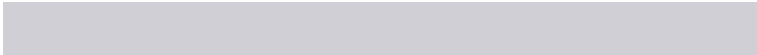
68, 71.786, 102.892



17, 25.020, 104.532

Inverse Universe

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



83, 3.178, 290.499



98, 3.916, 290.518



83, 3.370, 309.154



44, 2.574, 290.589



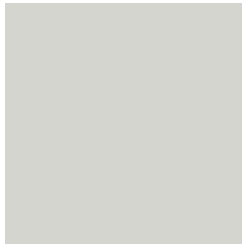
20, 99.120, 306.289



2, 27.577, 294.058

Previews

White Background



This preview shows how the CIELCh color 85, 3.138, 109.888 looks on a white background.

Color Contrast Check

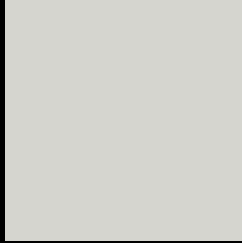
Large Text (above 18pt) WCAG AA × Fail

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, 3.138, 109.888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

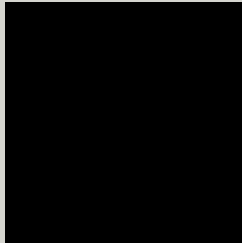
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

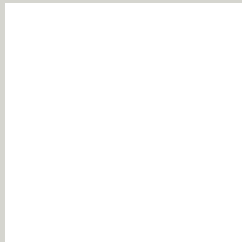
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 3.138, 109.888

Background



This preview shows how black text looks on a background with the CIELCh color 85, 3.138, 109.888.

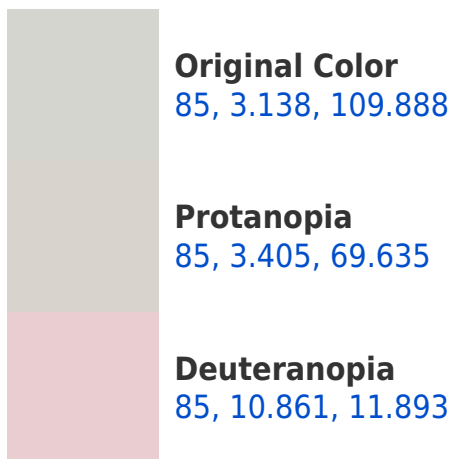


This preview shows how white text looks on a background with the CIELCh color 85, 3.138, 109.888.

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, 8.719, 304.946

Trichromacy



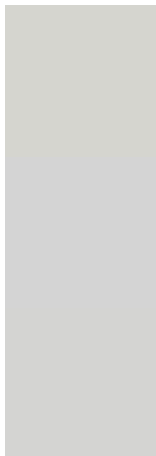
Original Color
85, 3.138, 109.888

Protanomaly
85, 3.316, 90.535

Deuteranomaly
85, 6.631, 19.815

Tritanomaly
85, 4.470, 309.199

Monochromacy



Original Color
85, 3.138, 109.888

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 1.040, 110.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 3.138, 109.888 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(213, 213, 207)` looks like.

```
.text, #text, p{  
    color:rgb(213, 213, 207)  
}
```

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(213, 213, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 213, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 3.138, 109.888 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(213, 213, 207) }
```

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

```
.border{ border-color:rgb(213, 213, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 213, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 213, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 213, 207); box-shadow:4px 4px 4px 4px rgb(213, 213, 207) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 3.138, 109.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 213, 207) }
```

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

```
.background{ background-color: rgb(213,  
213, 207) }
```

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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