

Converting Colors

CIELCh(85, 5.762, 106.011)

Have a look what the booklet for
CIELCh(85, 5.762, 106.011) contains.

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Color

CIELCh(85, 5.767, 106.008)

Conversions

Conversions Part 1

Format	Color
Hex	D6D5CA
RGB	214, 213, 202
RGB Percent	84%, 84%, 79%
CMY	0.1616, 0.1655, 0.2086
CMYK	0.00, 0.00, 0.06, 0.16
HSL	55°, 13%, 81%
HSV	55°, 6%, 84%
XYZ	62.0526, 66.0070, 65.2230
YIQ	212.0450, 4.1270, -3.2090

Conversions

Conversions Part 2

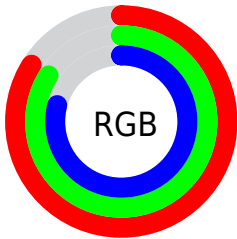
Format	Color
RYB	203, 214, 202
Decimal	14079434
CIELab	85.00, -1.59, 5.54
CIELCh	85, 5.767, 106.008
Yxy	66.0070, 0.3210, 0.3415
Android (android.graphics.Color)	4292269514 (0xFFD6D5CA)
YUV	212.0450, -4.9522, 1.7145
Hunter-Lab	81.2447, -5.8445, 9.2735

Details

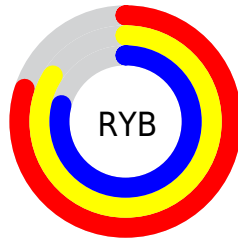
The CIELCh color `85, 5.767, 106.008` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `82, 5.844, 287.226`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 5.545, 105.529` is the 20% darker color. If you saturate the color by 10%, you get `84, 16.064, 104.996`, and if you desaturate by 10%, it is `86, 4.525, 287.079`.

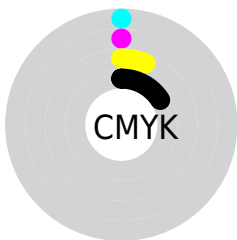
Distribution



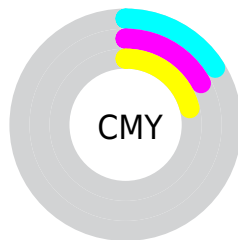
- Red (84%)
- Green (84%)
- Blue (79%)



- Red (80%)
- Yellow (84%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 5.767, 106.008 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, 5.767, 106.008 by changing the saturation by 10% instead.

■ 85, 5.767, 106.008

■ 85, 5.767, 106.008

■ 100, 5.767,
106.008

■ 75, 5.767, 106.008

■ 65, 5.767, 106.008

■ 55, 5.767, 106.008

■ 45, 5.767, 106.008

■ 35, 5.767, 106.008

■ 25, 5.767, 106.008

■ 15, 5.767, 106.008

■ 5, 5.767, 106.008

■ 0, 5.767, 106.008

85, 5.767, 106.008

85, 5.767, 106.008

84, 16.064,
104.996

86, 4.525, 287.079

83, 26.309,
103.942

87, 14.786,
288.044

82, 36.418,
102.884

88, 19.304,
287.484

82, 46.251,
101.838

88, 18.397,
285.340

81, 55.586,
100.822

89, 17.518,
282.985

80, 64.072, 99.859

89, 16.672,
280.395

80, 71.212, 98.973

90, 15.864,
277.542

79, 76.408, 98.181

90, 15.098,
274.401

■ 91, 14.383,
270.946

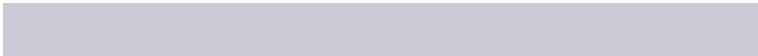
Harmonies

Complementary

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



85, 5.767, 106.008



82, 5.844, 287.226

Rectangle

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



85, 5.767, 106.008



85, 5.767, 156.008



85, 5.767, 286.008



85, 5.767, 336.008

Sweetspot

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



85, 5.769, 106.024



100, 2.364, 106.359



82, 4.453, 12.821



53, 1.344, 106.367



0, 0.000, 0.000



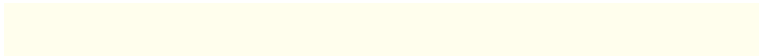
53, 0.007, 296.813

Same Dimension

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



85, 5.769, 106.024



99, 8.306, 105.877



85, 6.565, 125.854



45, 4.677, 105.830



64, 67.678, 97.287



16, 22.981, 99.777

Inverse Universe

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



82, 5.844, 287.226



95, 8.430, 287.385



82, 6.639, 306.363



42, 4.750, 287.438



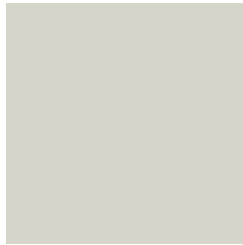
21, 95.167, 305.158



2, 25.987, 292.140

Previews

White Background



This preview shows how the CIELCh color 85, 5.767, 106.008 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, 5.767, 106.008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

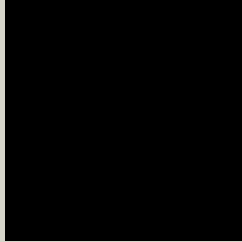
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

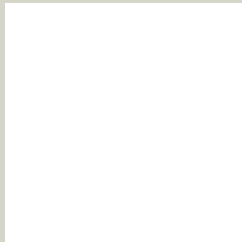
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 5.767, 106.008

Background



This preview shows how black text looks on a background with the CIELCh color 85, 5.767, 106.008.

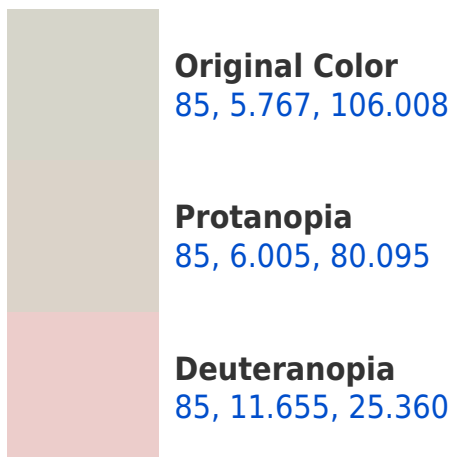


This preview shows how white text looks on a background with the CIELCh color 85, 5.767, 106.008.

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, 9.431, 308.367

Trichromacy



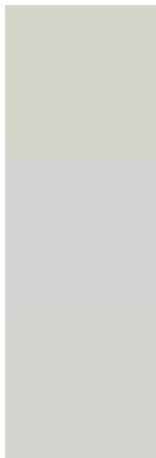
Original Color
85, 5.767, 106.008

Protanomaly
85, 6.038, 91.814

Deuteranomaly
85, 7.888, 39.203

Tritanomaly
85, 4.298, 320.586

Monochromacy



Original Color
85, 5.767, 106.008

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.118, 100.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 5.767, 106.008 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(214, 213, 202)` looks like.

```
.text, #text, p{  
    color:rgb(214, 213, 202)  
}
```

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(214, 213, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 213, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 5.767, 106.008 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(214, 213, 202) }
```

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

```
.border{ border-color:rgb(214, 213, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 213, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 213, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 213, 202);  
box-shadow:4px 4px 4px 4px rgb(214, 213,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 5.767, 106.008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 213, 202) }
```

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

```
.background{ background-color: rgb(214,  
213, 202) }
```

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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