

Converting Colors

CIELCh(86, 5.659, 165.349)

Have a look what the booklet for
CIELCh(86, 5.659, 165.349) contains.

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Color

CIELCh(86, 5.659, 165.349)

Conversions

Conversions Part 1

Format	Color
Hex	CDDAD4
RGB	205, 218, 212
RGB Percent	80%, 85%, 83%
CMY	0.1955, 0.1445, 0.1680
CMYK	0.06, 0.00, 0.03, 0.14
HSL	152°, 15%, 83%
HSV	152°, 6%, 86%
XYZ	62.2355, 67.9871, 72.2336
YIQ	213.4290, -5.8220, -4.6220

Conversions

Conversions Part 2

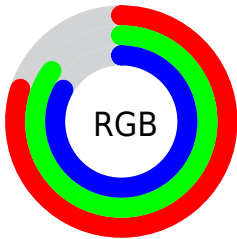
Format	Color
R _{YB}	205, 213, 218
Decimal	13490900
CIE Lab	86.00, -5.47, 1.43
CIE LCh	86, 5.659, 165.349
Yxy	67.9871, 0.3074, 0.3358
Android (android.graphics.Color)	4291680980 (0xFFCDDAD4)
YUV	213.4290, -0.7045, -7.3922
Hunter-Lab	82.4543, -9.5653, 5.7774

Details

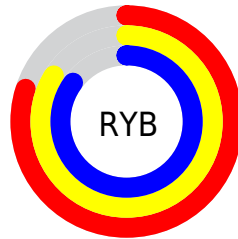
The CIELCh color $86, 5.659, 165.349$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 5.722, 346.198$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 5.668, 163.115$ is the 20% darker color. If you saturate the color by 10%, you get $84, 15.150, 164.379$, and if you desaturate by 10%, it is $88, 3.839, 345.976$.

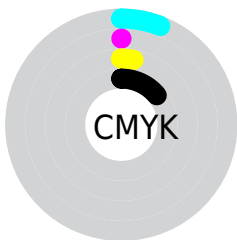
Distribution



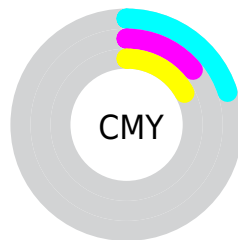
- Red (80%)
- Green (85%)
- Blue (83%)



- Red (80%)
- Yellow (84%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)



- Cyan (20%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 5.659, 165.349 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 86, 5.659, 165.349 by changing the saturation by 10% instead.

86, 5.659, 165.349

86, 5.659, 165.349

100, 5.659,
165.349

76, 5.659, 165.349

66, 5.659, 165.349

56, 5.659, 165.349

46, 5.659, 165.349

36, 5.659, 165.349

26, 5.659, 165.349

16, 5.659, 165.349

6, 5.659, 165.349

0, 5.659, 165.349

86, 5.659, 165.349

86, 5.659, 165.349

84, 15.150,
164.379

88, 3.839, 345.976

83, 24.512,
163.358

90, 13.258,
346.823

81, 33.608,
162.225

91, 18.161,
337.100

80, 42.283,
160.955

91, 22.005,
327.174

79, 50.374,
159.522

91, 23.068,
325.228

78, 57.734,
157.900

78, 64.250,
156.070

77, 69.873,
154.025

■ 77,74.641,
151.784

Harmonies

Complementary

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



86, 5.659, 165.349



84, 5.722, 346.198

Rectangle

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



86, 5.659, 165.349



86, 5.659, 215.349



86, 5.659, 345.349



86, 5.659, 35.349

Sweetspot

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



86, 5.661, 165.341



100, 2.150, 165.833



86, 7.273, 129.989



53, 1.222, 165.854



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 5.661, 165.341



99, 7.546, 165.232



86, 4.458, 202.149



45, 4.332, 165.185



62, 63.891, 151.270



16, 23.450, 156.032

Inverse Universe

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



84, 5.722, 346.198



95, 7.637, 346.307



84, 4.629, 22.450



44, 4.387, 346.354



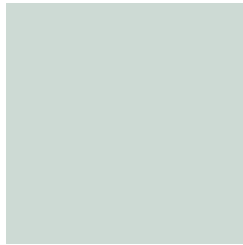
37, 63.241, 5.437



6, 24.719, 357.179

Previews

White Background



This preview shows how the CIELCh color 86, 5.659, 165.349 looks on a white background.

Color Contrast Check

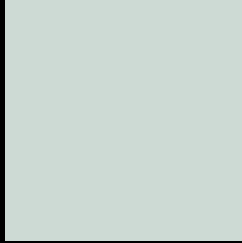
Large Text (above 18pt) WCAG AA × Fail

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 86, 5.659, 165.349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

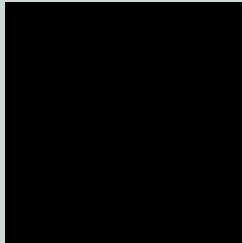
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

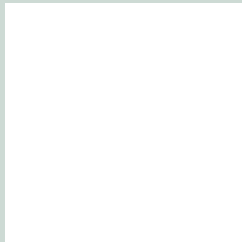
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 5.659, 165.349

Background



This preview shows how black text looks on a background with the CIELCh color 86, 5.659, 165.349.

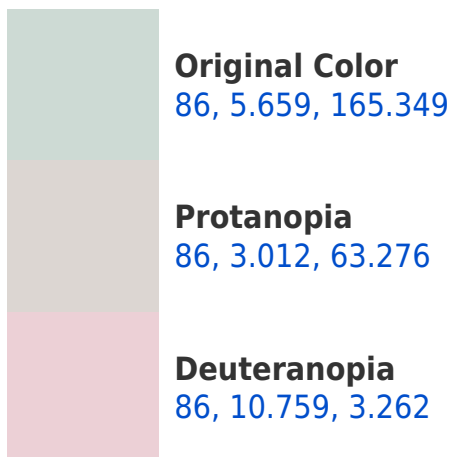


This preview shows how white text looks on a background with the CIELCh color 86, 5.659, 165.349.

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
86, 9.200, 275.675

Trichromacy



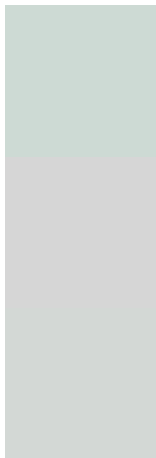
Original Color
86, 5.659, 165.349

Protanomaly
86, 2.636, 117.844

Deuteranomaly
86, 4.777, 13.359

Tritanomaly
86, 5.630, 256.520

Monochromacy



Original Color
86, 5.659, 165.349

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 2.400, 158.624

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 5.659, 165.349 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(205, 218, 212)` looks like.

```
.text, #text, p{  
    color:rgb(205, 218, 212)  
}
```

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(205, 218, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 218, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 5.659, 165.349 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(205, 218, 212) }
```

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

```
.border{ border-color:rgb(205, 218, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 218, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 218, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 218, 212);  
box-shadow:4px 4px 4px 4px rgb(205, 218,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 5.659, 165.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 218, 212) }
```

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

```
.background{ background-color: rgb(205,  
218, 212) }
```

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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