

Converting Colors

CIELCh(86, 6.162, 170.718)

Have a look what the booklet for
CIELCh(86, 6.162, 170.718) contains.

CIELCh(86, 6.565, 170.394)	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(86, 6.565, 170.394)

Conversions

Conversions Part 1

Format	Color
Hex	CBDBD5
RGB	203, 219, 213
RGB Percent	80%, 86%, 84%
CMY	0.2049, 0.1421, 0.1657
CMYK	0.07, 0.00, 0.03, 0.14
HSL	157°, 18%, 83%
HSV	157°, 7%, 86%
XYZ	61.8074, 67.9871, 72.6516
YIQ	213.5320, -7.6100, -5.2580

Conversions

Conversions Part 2

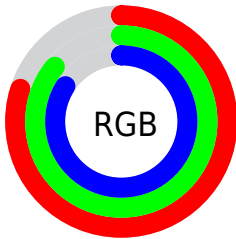
Format	Color
R_{YB}	203, 213, 219
Decimal	13360085
CIE _{Lab}	86.00, -6.47, 1.10
CIE _{LCh}	86, 6.565, 170.394
Yxy	67.9871, 0.3053, 0.3358
Android (android.graphics.Color)	4291550165 (0xFFCDBD5)
YUV	213.5320, -0.2623, -9.2366
Hunter-Lab	82.4543, -10.4922, 5.4768

Details

The CIELCh color **86, 6.565, 170.394** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83, 6.678, 351.566**, 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, 6.601, 168.671** is the 20% darker color. If you saturate the color by 10%, you get **84, 15.473, 169.381**, and if you desaturate by 10%, it is **88, 2.423, 351.001**.

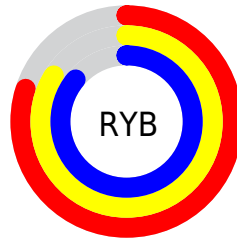
Distribution



Red (80%)

Green (86%)

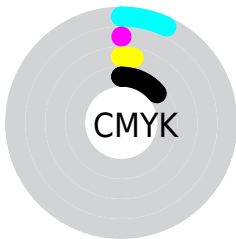
Blue (84%)



Red (80%)

Yellow (84%)

Blue (86%)

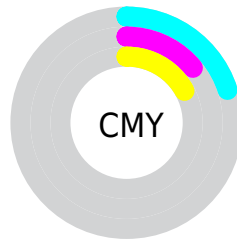


Cyan (7%)

Magenta (0%)

Yellow (3%)

Black (14%)



Cyan (20%)

Magenta (14%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 6.565, 170.394 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, 6.565, 170.394 by changing the saturation by 10% instead.



86, 6.565, 170.394

86, 6.565, 170.394

84, 15.473,
169.381

88, 2.423, 351.001

83, 24.176,
168.318

90, 11.400,
351.984

82, 32.538,
167.153

91, 16.188,
344.107

80, 40.410,
165.861

91, 18.941,
333.648

80, 47.642,
164.416


91, 22.184,
326.132

79, 54.104,
162.792

91, 22.693,
325.214

78, 59.708,
160.967

78, 64.430,
158.931

 78, 68.352,
156.704

Harmonies

Complementary

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



86, 6.565, 170.394



83, 6.678, 351.566

Rectangle

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



86, 6.565, 170.394



86, 6.565, 220.394



86, 6.565, 350.394



86, 6.565, 40.394

Sweetspot

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



86, 6.567, 170.385



100, 2.031, 171.057



86, 9.138, 132.750



53, 1.154, 171.080



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, 6.567, 170.385



98, 9.146, 170.207



86, 5.068, 210.343



45, 5.104, 170.172



63, 57.898, 156.501



16, 21.492, 161.137

Inverse Universe

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



83, 6.678, 351.566



94, 9.333, 351.749



83, 5.311, 30.329



43, 5.212, 351.786



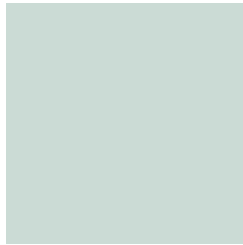
37, 63.811, 13.797



6, 24.167, 2.727

Previews

White Background



This preview shows how the CIELCh color 86, 6.565, 170.394 looks on a white background.

Color Contrast Check

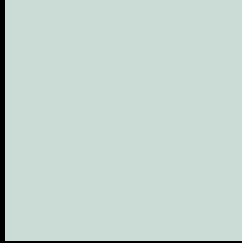
Large Text (above 18pt) WCAG AA × Fail

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, 6.565, 170.394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

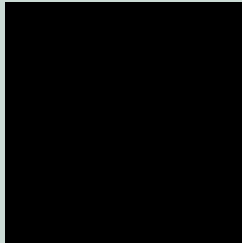
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

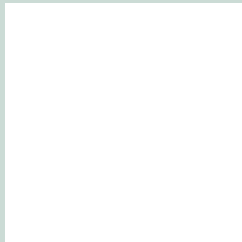
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 6.565, 170.394

Background



This preview shows how black text looks on a background with the CIELCh color 86, 6.565, 170.394.



This preview shows how white text looks on a background with the CIELCh color 86, 6.565, 170.394.

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](#).

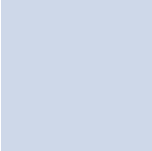
Dichromacy



Original Color
86, 6.565, 170.394

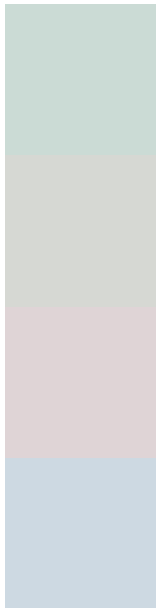
Protanopia
86, 3.012, 63.276

Deuteranopia
86, 10.559, 359.913



Tritanopia
86, 9.492, 269.652

Trichromacy



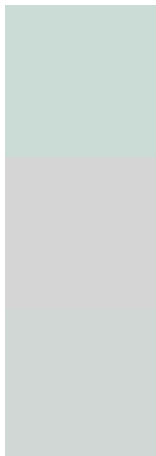
Original Color
86, 6.565, 170.394

Protanomaly
86, 2.715, 125.423

Deuteranomaly
86, 4.146, 4.956

Tritanomaly
86, 6.247, 248.488

Monochromacy



Original Color
86, 6.565, 170.394

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.407, 173.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 6.565, 170.394 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(203, 219, 213)` looks like.

```
.text, #text, p{  
    color:rgb(203, 219, 213)  
}
```

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(203, 219, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 219, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 6.565, 170.394 is called "border". The border property can be set on classes, ids or directly on the HTML element.

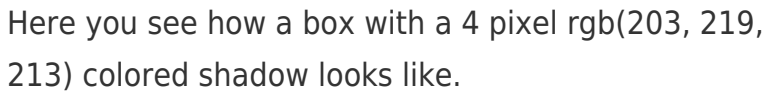
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 219, 213) }
```

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

```
.border{ border-color:rgb(203, 219, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 219, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 219, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 219, 213);  
box-shadow:4px 4px 4px 4px rgb(203, 219,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 6.565, 170.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 219, 213) }
```

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

```
.background{ background-color: rgb(203,  
219, 213) }
```

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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