

Converting Colors

CIELCh(85, 6.609, 217.681)

Have a look what the booklet for
CIELCh(85, 6.609, 217.681) contains.

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Color

CIELCh(85, 6.604, 217.680)

Conversions

Conversions Part 1

Format	Color
Hex	C6D8DC
RGB	198, 216, 220
RGB Percent	78%, 85%, 86%
CMY	0.2251, 0.1545, 0.1388
CMYK	0.10, 0.02, 0.00, 0.14
HSL	191°, 24%, 82%
HSV	191°, 10%, 86%
XYZ	60.5051, 66.0070, 76.9853
YIQ	211.0740, -12.0120, -2.5720

Conversions

Conversions Part 2

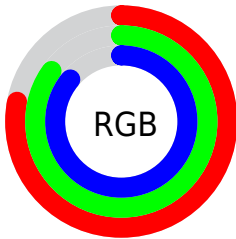
Format	Color
R _Y B	198, 208, 220
Decimal	13031644
CIE Lab	85.00, -5.23, -4.04
CIE LCh	85, 6.604, 217.680
Yxy	66.0070, 0.2973, 0.3244
Android (android.graphics.Color)	4291221724 (0xFFC6D8DC)
YUV	211.0740, 4.4005, -11.4659
Hunter-Lab	81.2447, -9.2446, 0.6897

Details

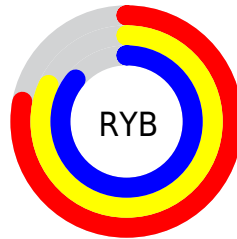
The CIELCh color `85, 6.604, 217.680` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83, 7.037, 37.192`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 6.575, 218.775` is the 20% darker color. If you saturate the color by 10%, you get `83, 12.825, 217.962`, and if you desaturate by 10%, it is `88, 0.016, 257.766`.

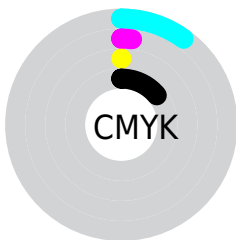
Distribution



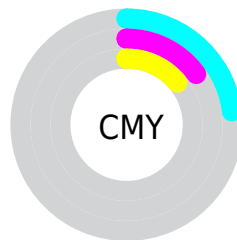
- Red (78%)
- Green (85%)
- Blue (86%)



- Red (78%)
- Yellow (82%)
- Blue (86%)



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (14%)



- Cyan (23%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 6.604, 217.680 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, 6.604, 217.680 by changing the saturation by 10% instead.

■ 85, 6.604, 217.680

■ 85, 6.604, 217.680

■ 100, 6.604,
217.680

■ 75, 6.604, 217.680

■ 65, 6.604, 217.680

■ 55, 6.604, 217.680

■ 45, 6.604, 217.680

■ 35, 6.604, 217.680

■ 25, 6.604, 217.680

■ 15, 6.604, 217.680

■ 5, 6.604, 217.680

■ 0, 6.604, 217.680

85, 6.604, 217.680

85, 6.604, 217.680

83, 12.825,
217.962

88, 0.016, 257.766

80, 18.577,
218.467

90, 6.866, 37.188

78, 23.755,
219.204

92, 10.925, 41.980

76, 28.257,
220.227

94, 10.876, 68.248

74, 31.993,
221.601

95, 11.674, 80.142

72, 34.901,
223.403

96, 12.904, 90.104

71, 36.973,
225.711

97, 14.452, 98.094

69, 38.269,
228.596

98, 16.223,
104.404

■ 68, 39.003,
232.009

Harmonies

Complementary

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



85, 6.604, 217.680



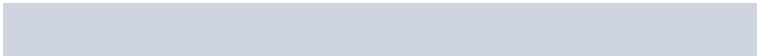
83, 7.037, 37.192

Rectangle

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



85, 6.604, 217.680



85, 6.604, 267.680



85, 6.604, 37.680



85, 6.604, 87.680

Sweetspot

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



85, 6.604, 217.663



99, 2.273, 217.708



86, 12.564, 148.776



53, 1.719, 217.662



0, 0.000, 0.000



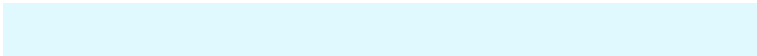
53, 0.007, 296.813

Same Dimension

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



85, 6.604, 217.663



96, 8.884, 217.707



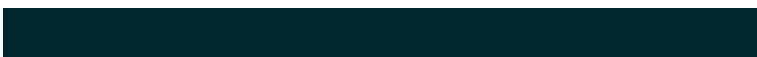
82, 8.131, 272.472



45, 3.745, 217.653



54, 32.675, 231.376



13, 13.111, 224.599

Inverse Universe

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



82, 12.465, 330.484



92, 16.881, 330.619



85, 8.135, 89.849



43, 7.055, 330.447



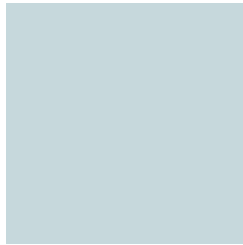
39, 75.184, 337.012



6, 30.410, 335.198

Previews

White Background



This preview shows how the CIELCh color 85, 6.604, 217.680 looks on a white background.

Color Contrast Check

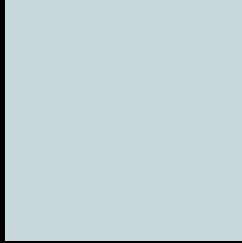
Large Text (above 18pt) WCAG AA × Fail

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, 6.604, 217.680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

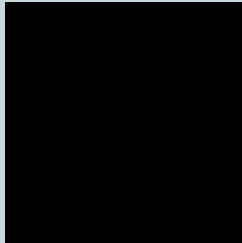
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

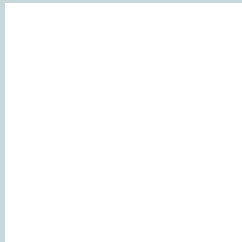
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 6.604, 217.680

Background



This preview shows how black text looks on a background with the CIELCh color 85, 6.604, 217.680.



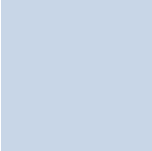
This preview shows how white text looks on a background with the CIELCh color 85, 6.604, 217.680.

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](#).

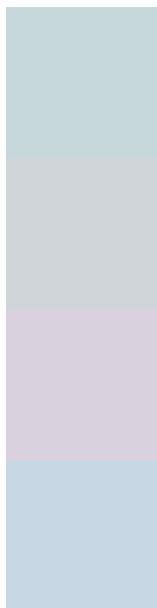
Dichromacy





Tritanopia
85, 10.049, 262.365

Trichromacy



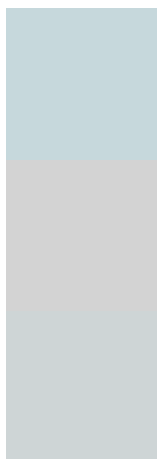
Original Color
85, 6.604, 217.680

Protanomaly
85, 3.154, 256.115

Deuteranomaly
85, 6.974, 314.867

Tritanomaly
85, 8.293, 248.875

Monochromacy



Original Color
85, 6.604, 217.680

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 2.550, 211.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 6.604, 217.680 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(198, 216, 220)` looks like.

```
.text, #text, p{  
    color:rgb(198, 216, 220)  
}
```

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(198, 216, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 216, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 6.604, 217.680 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(198, 216, 220) }
```

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

```
.border{ border-color:rgb(198, 216, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 216, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 216, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 216, 220);  
box-shadow:4px 4px 4px 4px rgb(198, 216,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 6.604, 217.680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 216, 220) }
```

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

```
.background{ background-color: rgb(198,  
216, 220) }
```

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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