

Converting Colors

CIELCh(83, 6.647, 240.524)

Have a look what the booklet for
CIELCh(83, 6.647, 240.524) contains.

CIELCh(83, 6.675, 238.584)	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(83, 6.675, 238.584)

Conversions

Conversions Part 1

Format	Color
Hex	C2D1D9
RGB	194, 209, 217
RGB Percent	76%, 82%, 85%
CMY	0.2387, 0.1799, 0.1485
CMYK	0.11, 0.04, 0.00, 0.15
HSL	201°, 23%, 81%
HSV	201°, 11%, 85%
XYZ	57.6505, 62.1629, 74.6902
YIQ	205.4270, -11.5080, -0.6920

Conversions

Conversions Part 2

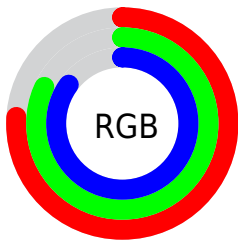
Format	Color
RYB	194, 203, 217
Decimal	12767705
CIELab	83.00, -3.48, -5.70
CIELCh	83, 6.675, 238.584
Yxy	62.1629, 0.2964, 0.3196
Android (android.graphics.Color)	4290957785 (0xFFC2D1D9)
YUV	205.4270, 5.7055, -10.0215
Hunter-Lab	78.8435, -7.4565, -0.9763

Details

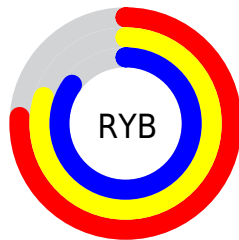
The CIELCh color $83, 6.675, 238.584$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 7.023, 56.517$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 1.389, 199.794$, and $63, 6.680, 235.032$ is the 20% darker color. If you saturate the color by 10%, you get $80, 12.724, 239.724$, and if you desaturate by 10%, it is $87, 0.385, 238.849$.

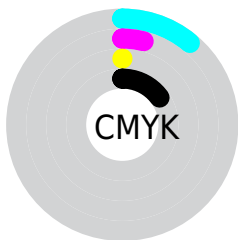
Distribution



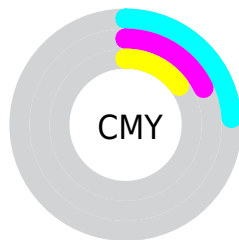
- Red (76%)
- Green (82%)
- Blue (85%)



- Red (76%)
- Yellow (80%)
- Blue (85%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 6.675, 238.584 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 83, 6.675, 238.584 by changing the saturation by 10% instead.

■ 83, 6.675, 238.584

■ 83, 6.675, 238.584

■ 100, 6.675,
238.584

■ 73, 6.675, 238.584

■ 63, 6.675, 238.584

■ 53, 6.675, 238.584

■ 43, 6.675, 238.584

■ 33, 6.675, 238.584

■ 23, 6.675, 238.584

■ 13, 6.675, 238.584

■ 3, 6.675, 238.584

■ 0, 6.675, 238.584

83, 6.675, 238.584

83, 6.675, 238.584

80, 12.724,
239.724

87, 0.385, 238.849

76, 18.471,
241.194

90, 6.089, 56.662

73, 23.853,
243.029

93, 11.438, 60.789

70, 28.812,
245.308

97, 15.418, 97.769

67, 33.313,
248.116

99, 18.864,
108.102

64, 37.354,
251.532

99, 19.147,
108.729

61, 40.989,
255.603

59, 44.343,
260.302

■ 56, 47.442,
265.069

Harmonies

Complementary

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



83, 6.675, 238.584



82, 7.023, 56.517

Rectangle

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



83, 6.675, 238.584



83, 6.675, 288.584



83, 6.675, 58.584



83, 6.675, 108.584

Sweetspot

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



83, 6.675, 238.567



99, 2.184, 238.006



85, 11.657, 154.924



52, 1.653, 238.025



0, 0.000, 0.000



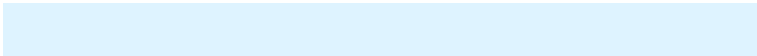
53, 0.007, 296.813

Same Dimension

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



83, 6.675, 238.567



95, 9.289, 238.830



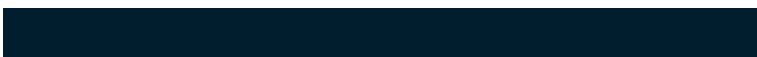
80, 10.276, 283.595



44, 3.613, 238.454



45, 39.720, 264.206



10, 14.429, 253.561

Inverse Universe

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



81, 11.613, 337.010



92, 16.268, 337.206



85, 10.124, 101.151



43, 6.267, 336.921



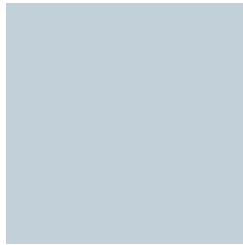
38, 67.248, 348.422



6, 27.176, 344.078

Previews

White Background



This preview shows how the CIELCh color 83, 6.675, 238.584 looks on a white background.

Color Contrast Check

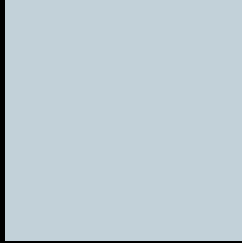
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 83, 6.675, 238.584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

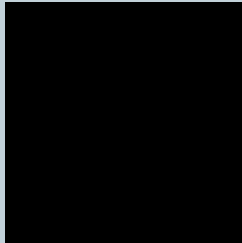
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

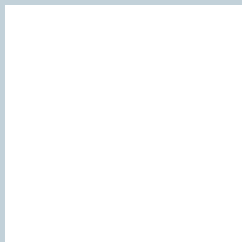
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 6.675, 238.584

Background



This preview shows how black text looks on a background with the CIELCh color 83, 6.675, 238.584.



This preview shows how white text looks on a background with the CIELCh color 83, 6.675, 238.584.

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

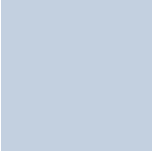
83, 6.675, 238.584

Protanopia

83, 5.419, 302.060

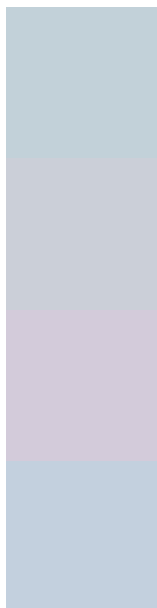
Deuteranopia

83, 12.626, 327.652



Tritanopia
83, 9.486, 262.625

Trichromacy



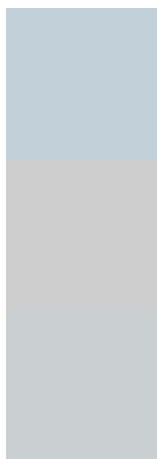
Original Color
83, 6.675, 238.584

Protanomaly
83, 4.945, 273.923

Deuteranomaly
83, 8.480, 310.504

Tritanomaly
83, 8.582, 259.085

Monochromacy



Original Color
83, 6.675, 238.584

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 2.379, 241.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 6.675, 238.584 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(194, 209, 217)` looks like.

```
.text, #text, p{  
    color:rgb(194, 209, 217)  
}
```

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(194, 209, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 209, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 6.675, 238.584 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(194, 209, 217) }
```

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

```
.border{ border-color:rgb(194, 209, 217) }
```

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

Here you see how a box with a 4 pixel rgb(194, 209, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 209, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 209, 217);  
box-shadow:4px 4px 4px 4px rgb(194, 209,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 6.675, 238.584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 209, 217) }
```

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

```
.background{ background-color: rgb(194,  
209, 217) }
```

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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