

Converting Colors

CIELCh(83, 5.995, 216.798)

Have a look what the booklet for
CIELCh(83, 5.995, 216.798) contains.

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Color

CIELCh(83, 6.175, 213.987)

Conversions

Conversions Part 1

Format	Color
Hex	C1D2D5
RGB	193, 210, 213
RGB Percent	76%, 82%, 84%
CMY	0.2435, 0.1769, 0.1651
CMYK	0.09, 0.01, 0.00, 0.17
HSL	189°, 19%, 80%
HSV	189°, 9%, 83%
XYZ	56.9827, 62.1629, 71.8749
YIQ	205.2590, -11.0950, -2.6710

Conversions

Conversions Part 2

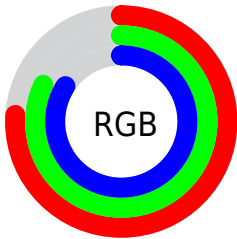
Format	Color
RYB	193, 202, 213
Decimal	12702421
CIELab	83.00, -5.12, -3.45
CIELCh	83, 6.175, 213.987
Yxy	62.1629, 0.2983, 0.3254
Android (android.graphics.Color)	4290892501 (0xFFC1D2D5)
YUV	205.2590, 3.8163, -10.7511
Hunter-Lab	78.8435, -8.9685, 1.1408

Details

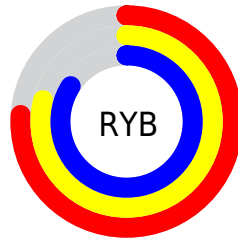
The CIELCh color $83, 6.175, 213.987$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 6.559, 33.787$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 1.735, 199.677$, and $63, 6.377, 209.046$ is the 20% darker color. If you saturate the color by 10%, you get $81, 12.386, 214.085$, and if you desaturate by 10%, it is $85, 0.408, 32.408$.

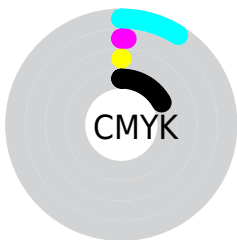
Distribution



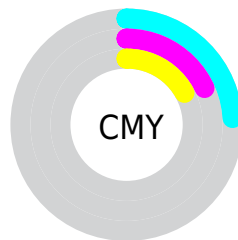
- Red (76%)
- Green (82%)
- Blue (84%)



- Red (76%)
- Yellow (79%)
- Blue (84%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)



- Cyan (24%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 6.175, 213.987 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, 6.175, 213.987 by changing the saturation by 10% instead.

■ 83, 6.175, 213.987

■ 83, 6.175, 213.987

■ 100, 6.175,
213.987

■ 73, 6.175, 213.987

■ 63, 6.175, 213.987

■ 53, 6.175, 213.987

■ 43, 6.175, 213.987

■ 33, 6.175, 213.987

■ 23, 6.175, 213.987

■ 13, 6.175, 213.987

■ 3, 6.175, 213.987

■ 0, 6.175, 213.987

83, 6.175, 213.987

83, 6.175, 213.987

81, 12.386,
214.085

85, 0.408, 32.408

79, 18.126,
214.380

88, 7.275, 33.791

77, 23.287,
214.871

90, 13.698, 34.566

75, 27.765,
215.598

92, 12.783, 51.351

73, 31.465,
216.615

93, 12.779, 60.237

72, 34.320,
217.983

94, 13.668, 76.976

70, 36.309,
219.768

95, 14.504, 84.232

69, 37.476,
222.031

■ 68, 38.003,
224.760

Harmonies

Complementary

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



83, 6.175, 213.987



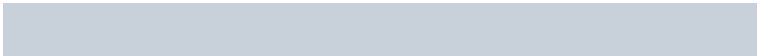
80, 6.559, 33.787

Rectangle

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



83, 6.175, 213.987



83, 6.175, 263.987



83, 6.175, 33.987



83, 6.175, 83.987

Sweetspot

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



83, 6.176, 213.969



99, 2.320, 214.120



83, 11.762, 147.747



53, 1.755, 214.063



0, 0.000, 0.000



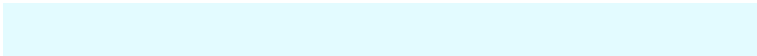
53, 0.007, 296.813

Same Dimension

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



83, 6.176, 213.969



97, 8.334, 213.974



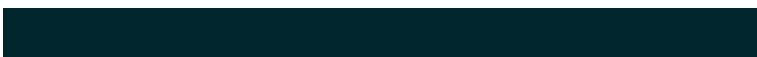
80, 7.171, 269.648



44, 3.750, 213.969



55, 32.293, 224.441



13, 12.786, 218.665

Inverse Universe

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



80, 11.654, 329.371



93, 15.816, 329.479



83, 7.199, 87.150



42, 7.077, 329.373



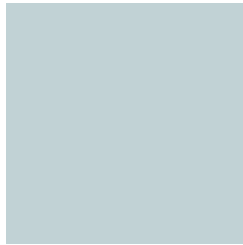
39, 76.192, 335.208



6, 29.521, 333.612

Previews

White Background



This preview shows how the CIELCh color 83, 6.175, 213.987 looks on a white background.

Color Contrast Check

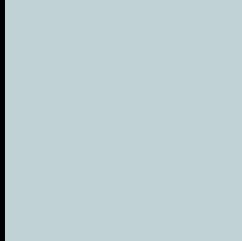
Large Text (above 18pt) WCAG AA × Fail

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 83, 6.175, 213.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

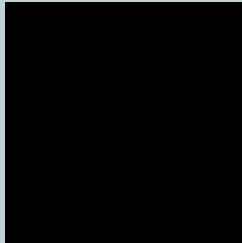
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

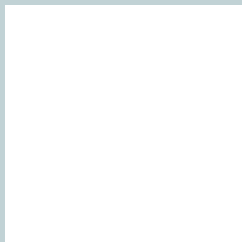
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 6.175, 213.987

Background



This preview shows how black text looks on a background with the CIELCh color 83, 6.175, 213.987.



This preview shows how white text looks on a background with the CIELCh color 83, 6.175, 213.987.

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
83, 9.949, 264.157

Trichromacy



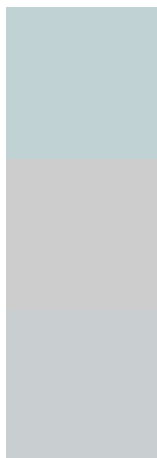
Original Color
83, 6.175, 213.987

Protanomaly
83, 2.541, 256.038

Deuteranomaly
83, 6.059, 318.980

Tritanomaly
83, 8.116, 250.756

Monochromacy



Original Color
83, 6.175, 213.987

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 2.215, 213.325

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 6.175, 213.987 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(193, 210, 213)` looks like.

```
.text, #text, p{  
    color:rgb(193, 210, 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(193, 210, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 210, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 6.175, 213.987 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(193, 210, 213) }
```

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

```
.border{ border-color:rgb(193, 210, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 210, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 210, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 210, 213);  
box-shadow:4px 4px 4px 4px rgb(193, 210,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 6.175, 213.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 210, 213) }
```

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

```
.background{ background-color: rgb(193,  
210, 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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