

Converting Colors

CIE LCh(83, 4.122, 229.116)

Have a look what the booklet for
CIELCh(83, 4.122, 229.116) contains.

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Color

CIELCh(83, 4.107, 230.356)

Conversions

Conversions Part 1

Format	Color
Hex	C6D0D4
RGB	198, 208, 212
RGB Percent	78%, 82%, 83%
CMY	0.2218, 0.1826, 0.1669
CMYK	0.07, 0.02, 0.00, 0.17
HSL	197°, 14%, 81%
HSV	197°, 7%, 83%
XYZ	58.0023, 62.1629, 71.5172
YIQ	205.4660, -7.2440, -0.8760

Conversions

Conversions Part 2

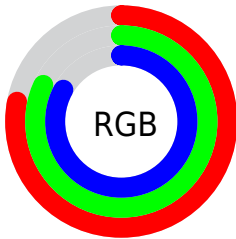
Format	Color
RYB	198, 204, 212
Decimal	13029588
CIELab	83.00, -2.62, -3.16
CIELCh	83, 4.107, 230.356
Yxy	62.1629, 0.3026, 0.3243
Android (android.graphics.Color)	4291219668 (0xFFC6D0D4)
YUV	205.4660, 3.2213, -6.5477
Hunter-Lab	78.8435, -6.6602, 1.4098

Details

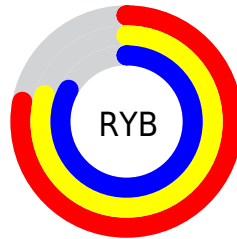
The CIELCh color $83, 4.107, 230.356$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 4.253, 49.246$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $63, 4.077, 223.552$ is the 20% darker color. If you saturate the color by 10%, you get $80, 10.104, 231.070$, and if you desaturate by 10%, it is $86, 2.155, 49.311$.

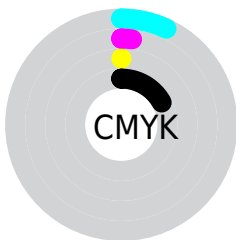
Distribution



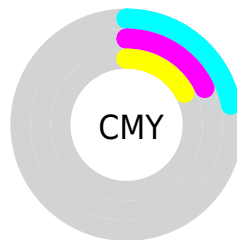
- Red (78%)
- Green (82%)
- Blue (83%)



- Red (78%)
- Yellow (80%)
- Blue (83%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (22%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 4.107, 230.356 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, 4.107, 230.356 by changing the saturation by 10% instead.

■ 83, 4.107, 230.356

■ 83, 4.107, 230.356

■ 100, 4.107,
230.356

■ 73, 4.107, 230.356

■ 63, 4.107, 230.356

■ 53, 4.107, 230.356

■ 43, 4.107, 230.356

■ 33, 4.107, 230.356

■ 23, 4.107, 230.356

■ 13, 4.107, 230.356

■ 3, 4.107, 230.356

■ 0, 4.107, 230.356

83, 4.107, 230.356

83, 4.107, 230.356

80, 10.104,
231.070

86, 2.155, 49.311

77, 15.764,
232.106

89, 8.621, 49.005

74, 21.009,
233.449

92, 12.894, 54.371

71, 25.763,
235.167

94, 13.338, 70.735

69, 29.959,
237.344

95, 14.765, 84.904

97, 16.918, 95.952

66, 33.556,
240.075

98, 19.547,
104.202

64, 36.563,
243.444

99, 21.505,
108.549

62, 39.050,
247.505

■ 60, 41.173,
252.225

Harmonies

Complementary

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



83, 4.107, 230.356



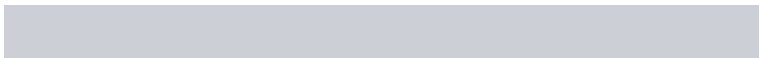
82, 4.253, 49.246

Rectangle

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



83, 4.107, 230.356



83, 4.107, 280.356



83, 4.107, 50.356



83, 4.107, 100.356

Sweetspot

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



83, 4.107, 230.327



99, 1.461, 230.306



84, 7.378, 153.220



53, 0.831, 230.321



0, 0.000, 0.000



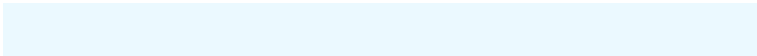
53, 0.007, 296.813

Same Dimension

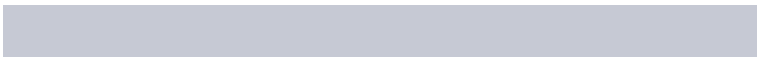
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 4.107, 230.327



97, 5.761, 230.412



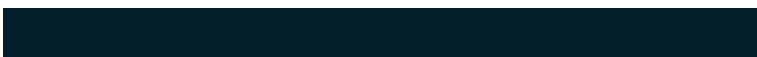
81, 5.912, 280.193



43, 3.537, 230.500



48, 35.396, 253.043



10, 13.053, 242.484

Inverse Universe

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



81, 7.399, 334.100



95, 10.424, 334.210



84, 5.860, 98.602



42, 6.426, 334.307



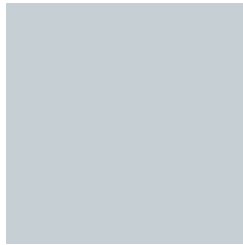
38, 69.097, 343.710



6, 26.737, 340.274

Previews

White Background



This preview shows how the CIELCh color 83, 4.107, 230.356 looks on a white background.

Color Contrast Check

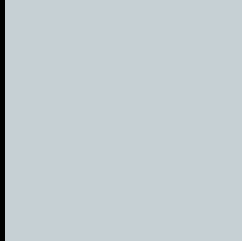
Large Text (above 18pt) WCAG AA × Fail

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, 4.107, 230.356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

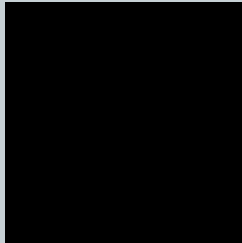
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

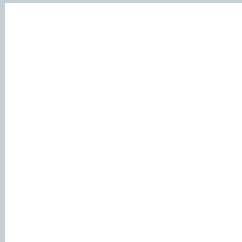
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 4.107, 230.356

Background



This preview shows how black text looks on a background with the CIELCh color 83, 4.107, 230.356.



This preview shows how white text looks on a background with the CIELCh color 83, 4.107, 230.356.

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](#).

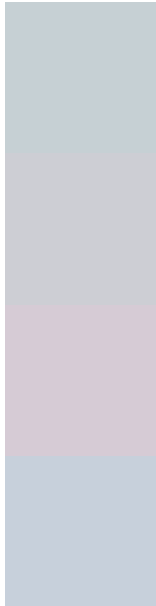
Dichromacy





Tritanopia
83, 8.757, 274.738

Trichromacy



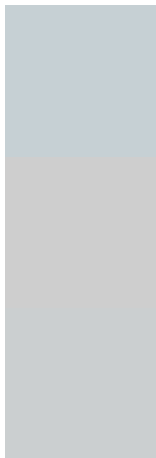
Original Color
83, 4.107, 230.356

Protanomaly
83, 3.194, 284.031

Deuteranomaly
83, 6.656, 327.248

Tritanomaly
83, 6.562, 261.902

Monochromacy



Original Color
83, 4.107, 230.356

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 1.531, 219.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 4.107, 230.356 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, 208, 212)` looks like.

```
.text, #text, p{  
    color:rgb(198, 208, 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(198, 208, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 208, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 4.107, 230.356 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, 208, 212) }
```

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

```
.border{ border-color:rgb(198, 208, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 208, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 208, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 208, 212);  
box-shadow:4px 4px 4px 4px rgb(198, 208,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 4.107, 230.356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 208, 212) }
```

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

```
.background{ background-color: rgb(198,  
208, 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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