

Converting Colors

CIELCh(83, 4.435, 193.191)

Have a look what the booklet for
CIELCh(83, 4.435, 193.191) contains.

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Color

CIELCh(83, 4.339, 192.212)

Conversions

Conversions Part 1

Format	Color
Hex	C5D1D0
RGB	197, 209, 208
RGB Percent	77%, 82%, 82%
CMY	0.2266, 0.1796, 0.1835
CMYK	0.06, 0.00, 0.00, 0.18
HSL	175°, 12%, 80%
HSV	175°, 6%, 82%
XYZ	57.3399, 62.1629, 68.7826
YIQ	205.2980, -6.8310, -2.8550

Conversions

Conversions Part 2

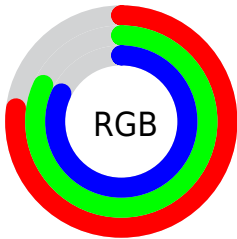
Format	Color
RYB	197, 203, 209
Decimal	12964304
CIELab	83.00, -4.24, -0.92
CIELCh	83, 4.339, 192.212
Yxy	62.1629, 0.3045, 0.3302
Android (android.graphics.Color)	4291154384 (0xFFC5D1D0)
YUV	205.2980, 1.3321, -7.2773
Hunter-Lab	78.8435, -8.1597, 3.4662

Details

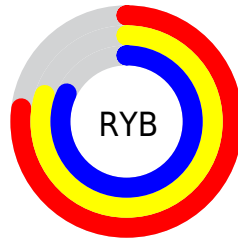
The CIELCh color $83, 4.339, 192.212$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 4.476, 12.813$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.347, 201.292$, and $63, 4.571, 192.046$ is the 20% darker color. If you saturate the color by 10%, you get $82, 11.659, 191.370$, and if you desaturate by 10%, it is $85, 3.281, 12.629$.

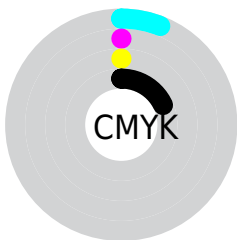
Distribution



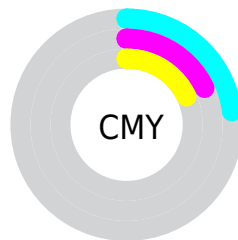
- Red (77%)
- Green (82%)
- Blue (82%)



- Red (77%)
- Yellow (80%)
- Blue (82%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (23%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 4.339, 192.212 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, 4.339, 192.212 by changing the saturation by 10% instead.

■ 83, 4.339, 192.212

■ 83, 4.339, 192.212

■ 100, 4.339,
192.212

■ 73, 4.339, 192.212

■ 63, 4.339, 192.212

■ 53, 4.339, 192.212

■ 43, 4.339, 192.212

■ 33, 4.339, 192.212

■ 23, 4.339, 192.212

■ 13, 4.339, 192.212

■ 3, 4.339, 192.212

■ 0, 4.339, 192.212

83, 4.339, 192.212

83, 4.339, 192.212

82, 11.659,
191.370

85, 3.281, 12.629

80, 18.560,
190.610

86, 11.103, 13.483

79, 24.918,
189.853

88, 17.164, 13.342

78, 30.608,
189.090

88, 17.250, 10.349

77, 35.513,
188.310

88, 17.385, 7.395

77, 39.542,
187.502

88, 17.567, 4.496

76, 42.645,
186.649

88, 17.795, 1.666

76, 44.829,
185.736

88, 18.068,
358.916

88, 18.383,
356.257

■ 76, 46.171,
184.747

Harmonies

Complementary

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



83, 4.339, 192.212



81, 4.476, 12.813

Rectangle

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



83, 4.339, 192.212



83, 4.339, 242.212



83, 4.339, 12.212



83, 4.339, 62.212

Sweetspot

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



83, 4.340, 192.191



100, 1.786, 192.699



83, 7.503, 141.459



53, 1.016, 192.725



0, 0.000, 0.000



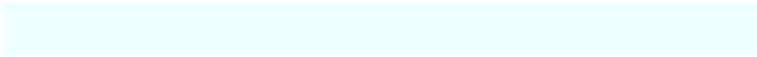
53, 0.007, 296.813

Same Dimension

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



83, 4.340, 192.191



99, 6.202, 192.068



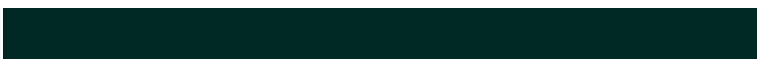
82, 3.591, 244.636



44, 3.421, 192.029



62, 39.580, 184.482



14, 14.882, 186.650

Inverse Universe

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



81, 4.476, 12.813



95, 6.441, 12.948



82, 3.664, 63.190



42, 3.561, 12.992



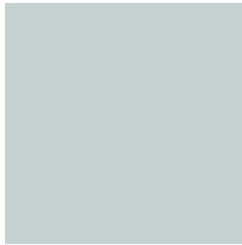
35, 73.080, 36.348



4, 20.042, 15.572

Previews

White Background



This preview shows how the CIELCh color 83, 4.339, 192.212 looks on a white background.

Color Contrast Check

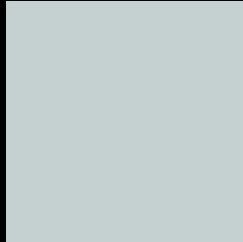
Large Text (above 18pt) WCAG AA × Fail

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, 4.339, 192.212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

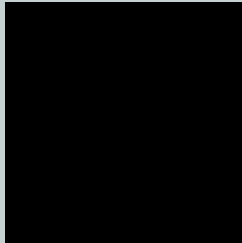
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

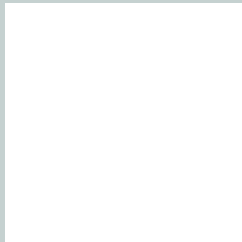
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 4.339, 192.212

Background



This preview shows how black text looks on a background with the CIELCh color 83, 4.339, 192.212.



This preview shows how white text looks on a background with the CIELCh color 83, 4.339, 192.212.

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



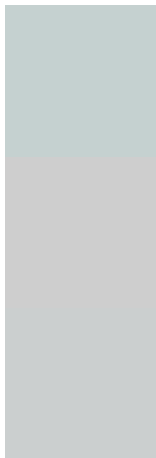
Original Color
83, 4.339, 192.212

Protanomaly
83, 0.723, 200.135

Deuteranomaly
83, 5.430, 344.031

Tritanomaly
83, 6.108, 259.421

Monochromacy



Original Color
83, 4.339, 192.212

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 1.444, 199.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 4.339, 192.212 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(197, 209, 208)` looks like.

```
.text, #text, p{  
    color:rgb(197, 209, 208)  
}
```

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(197, 209, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 209, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 4.339, 192.212 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(197, 209, 208) }
```

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

```
.border{ border-color:rgb(197, 209, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 209, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 209, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 209, 208);  
box-shadow:4px 4px 4px 4px rgb(197, 209,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 4.339, 192.212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 209, 208) }
```

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

```
.background{ background-color: rgb(197,  
209, 208) }
```

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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