

Converting Colors

CIELCh(83, 4.336, 199.219)

Have a look what the booklet for
CIELCh(83, 4.336, 199.219) contains.

CIELCh(83, 4.290, 199.222)	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, 4.290, 199.222)

Conversions

Conversions Part 1

Format	Color
Hex	C5D1D1
RGB	197, 209, 209
RGB Percent	77%, 82%, 82%
CMY	0.2269, 0.1799, 0.1799
CMYK	0.06, 0.00, 0.00, 0.18
HSL	180°, 12%, 80%
HSV	180°, 6%, 82%
XYZ	57.4173, 62.1629, 69.3790
YIQ	205.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

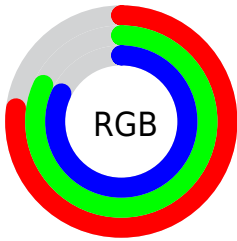
Format	Color
RYB	197, 203, 209
Decimal	12964305
CIELab	83.00, -4.05, -1.41
CIELCh	83, 4.290, 199.222
Yxy	62.1629, 0.3039, 0.3290
Android (android.graphics.Color)	4291154385 (0xFFC5D1D1)
YUV	205.4120, 1.7689, -7.3773
Hunter-Lab	78.8435, -7.9845, 3.0177

Details

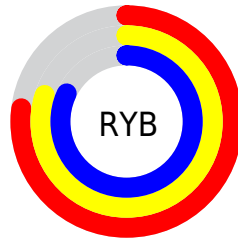
The CIELCh color `83, 4.290, 199.222` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 4.448, 19.605`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.347, 201.292`, and `63, 4.515, 199.092` is the 20% darker color. If you saturate the color by 10%, you get `82, 11.463, 198.592`, and if you desaturate by 10%, it is `85, 3.254, 19.449`.

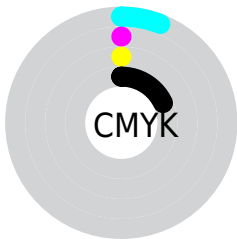
Distribution



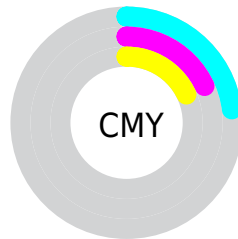
- Red (77%)
- Green (82%)
- Blue (82%)



- 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, 4.290, 199.222 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, 4.290, 199.222 by changing the saturation by 10% instead.

■ 83, 4.290, 199.222

■ 83, 4.290, 199.222

■ 100, 4.290,
199.222

■ 73, 4.290, 199.222

■ 63, 4.290, 199.222

■ 53, 4.290, 199.222

■ 43, 4.290, 199.222

■ 33, 4.290, 199.222

■ 23, 4.290, 199.222

■ 13, 4.290, 199.222

■ 3, 4.290, 199.222

■ 0, 4.290, 199.222

83, 4.290, 199.222

83, 4.290, 199.222

82, 11.463,
198.592

85, 3.254, 19.449

80, 18.144,
198.094

86, 11.070, 20.158

79, 24.214,
197.657

88, 17.191, 20.637

78, 29.552,
197.281

88, 17.191, 20.627

78, 34.056,
196.969

88, 17.191, 20.617

77, 37.650,
196.723

88, 17.191, 20.607

77, 40.300,
196.542

88, 17.190, 20.597

76, 42.028,
196.423

88, 17.190, 20.587

88, 17.190, 20.577

■ 76, 42.923,
196.360

Harmonies

Complementary

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



83, 4.290, 199.222



81, 4.448, 19.605

Rectangle

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



83, 4.290, 199.222



83, 4.290, 249.222



83, 4.290, 19.222



83, 4.290, 69.222

Sweetspot

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



83, 4.291, 199.199



100, 1.770, 199.644



83, 7.707, 143.713



53, 1.006, 199.669



0, 0.000, 0.000



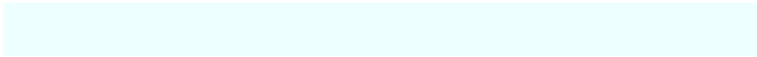
53, 0.007, 296.813

Same Dimension

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



83, 4.291, 199.199



99, 6.127, 199.101



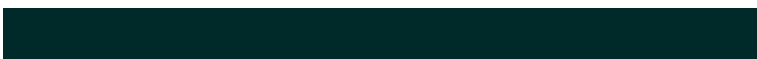
81, 3.765, 254.406



44, 3.379, 199.071



62, 36.720, 196.343



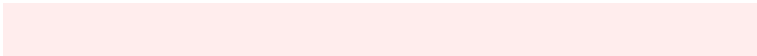
14, 14.041, 196.352

Inverse Universe

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



81, 4.448, 19.605



95, 6.404, 19.718



82, 3.811, 72.807



42, 3.541, 19.754



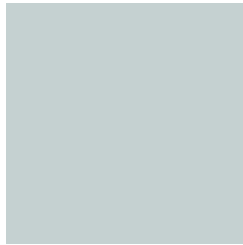
35, 76.443, 39.852



4, 20.018, 19.454

Previews

White Background



This preview shows how the CIELCh color 83, 4.290, 199.222 looks on a white background.

Color Contrast Check

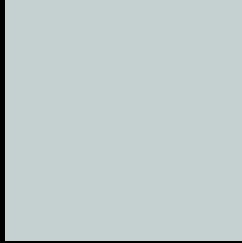
Large Text (above 18pt) WCAG AA × Fail

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, 4.290, 199.222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

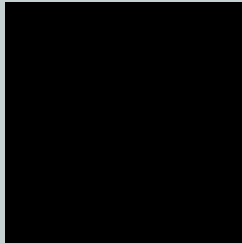
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

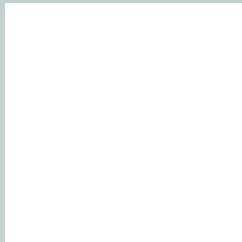
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 4.290, 199.222

Background



This preview shows how black text looks on a background with the CIELCh color 83, 4.290, 199.222.

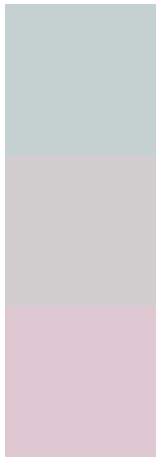


This preview shows how white text looks on a background with the CIELCh color 83, 4.290, 199.222.

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](#).

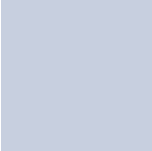
Dichromacy



Original Color
83, 4.290, 199.222

Protanopia
83, 2.120, 349.408

Deuteranopia
83, 10.551, 346.855



Tritanopia
83, 8.852, 272.578

Trichromacy



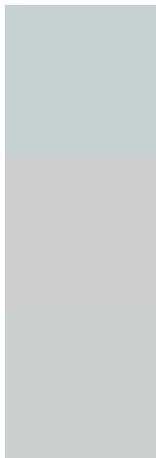
Original Color
83, 4.290, 199.222

Protanomaly
83, 0.894, 236.373

Deuteranomaly
83, 5.480, 337.279

Tritanomaly
83, 6.289, 256.672

Monochromacy



Original Color
83, 4.290, 199.222

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, 4.290, 199.222 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, 209)` looks like.

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

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, 209) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 83, 4.290, 199.222 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, 209) }
```

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

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

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, 209)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 83, 4.290, 199.222 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, 209) }
```

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor