

Converting Colors

CIELCh(83, 3.366, 214.459)

Have a look what the booklet for
CIELCh(83, 3.366, 214.459) contains.

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Color

CIELCh(83, 3.371, 217.647)

Conversions

Conversions Part 1

Format	Color
Hex	C7D0D2
RGB	199, 208, 210
RGB Percent	78%, 82%, 82%
CMY	0.2181, 0.1828, 0.1750
CMYK	0.05, 0.01, 0.00, 0.17
HSL	191°, 11%, 80%
HSV	191°, 5%, 83%
XYZ	57.9822, 62.1629, 70.1640
YIQ	205.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

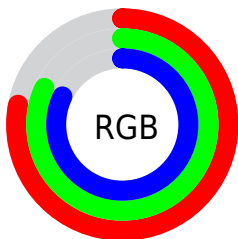
Format	Color
RYB	199, 204, 210
Decimal	13095122
CIELab	83.00, -2.67, -2.06
CIELCh	83, 3.371, 217.647
Yxy	62.1629, 0.3047, 0.3266
Android (android.graphics.Color)	4291285202 (0xFFC7D0D2)
YUV	205.5370, 2.2003, -5.7329
Hunter-Lab	78.8435, -6.7055, 2.4274

Details

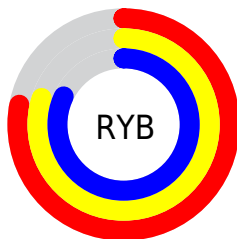
The CIELCh color $83, 3.371, 217.647$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 3.480, 37.132$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $63, 3.548, 217.642$ is the 20% darker color. If you saturate the color by 10%, you get $81, 9.564, 217.772$, and if you desaturate by 10%, it is $86, 3.138, 37.114$.

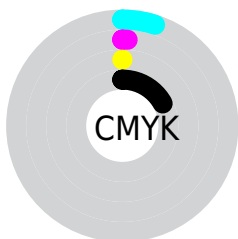
Distribution



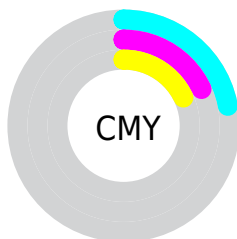
- Red (78%)
- Green (82%)
- Blue (82%)



- Red (78%)
- Yellow (80%)
- Blue (82%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 3.371, 217.647 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, 3.371, 217.647 by changing the saturation by 10% instead.

■ 83, 3.371, 217.647

■ 83, 3.371, 217.647

■ 100, 3.371,
217.647

■ 73, 3.371, 217.647

■ 63, 3.371, 217.647

■ 53, 3.371, 217.647

■ 43, 3.371, 217.647

■ 33, 3.371, 217.647

■ 23, 3.371, 217.647

■ 13, 3.371, 217.647

■ 3, 3.371, 217.647

■ 0, 3.371, 217.647

83, 3.371, 217.647

83, 3.371, 217.647

81, 9.564, 217.772

86, 3.138, 37.114

78, 15.350,
218.176

88, 9.887, 37.184

76, 20.633,
218.792

90, 14.075, 40.465

91, 13.624, 50.124

74, 25.313,
219.664

92, 13.586, 60.118

72, 29.294,
220.852

93, 13.961, 69.846

94, 14.716, 78.792

70, 32.503,
222.427

95, 15.793, 86.663

69, 34.902,
224.466

96, 17.128, 93.388

67, 36.515,
227.047

■ 66, 37.439,
230.222

Harmonies

Complementary

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



83, 3.371, 217.647



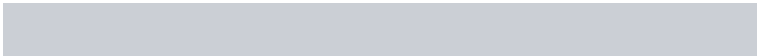
82, 3.480, 37.132

Rectangle

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



83, 3.371, 217.647



83, 3.371, 267.647



83, 3.371, 37.647



83, 3.371, 87.647

Sweetspot

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



83, 3.372, 217.612



99, 1.519, 217.817



83, 6.312, 149.118



53, 0.864, 217.837



0, 0.000, 0.000



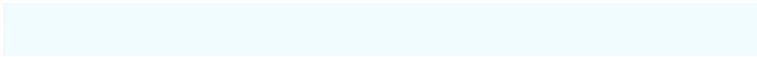
53, 0.007, 296.813

Same Dimension

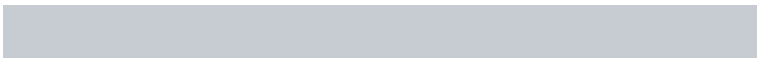
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 3.372, 217.612



98, 4.512, 217.606



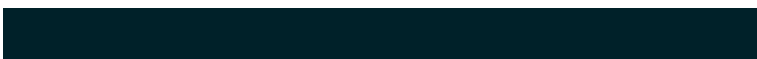
82, 4.089, 271.845



43, 2.539, 217.606



53, 31.957, 231.253



11, 12.221, 223.656

Inverse Universe

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



81, 6.267, 330.159



96, 8.409, 330.217



83, 4.077, 90.422



42, 4.740, 330.252



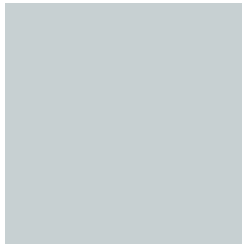
38, 73.574, 336.979



5, 27.044, 334.790

Previews

White Background



This preview shows how the CIELCh color 83, 3.371, 217.647 looks on a white background.

Color Contrast Check

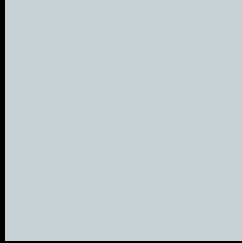
Large Text (above 18pt) WCAG AA × Fail

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, 3.371, 217.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

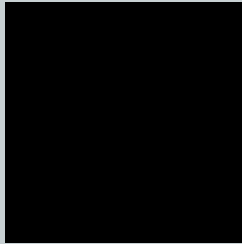
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

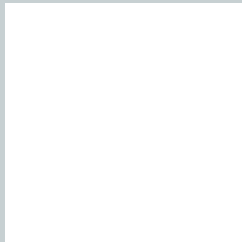
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 3.371, 217.647

Background



This preview shows how black text looks on a background with the CIELCh color 83, 3.371, 217.647.

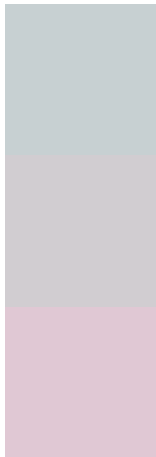


This preview shows how white text looks on a background with the CIELCh color 83, 3.371, 217.647.

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

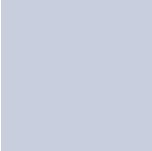
83, 3.371, 217.647

Protanopia

83, 2.586, 324.444

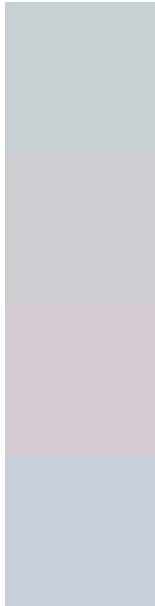
Deuteranopia

83, 10.843, 344.514



Tritanopia
83, 9.129, 279.946

Trichromacy



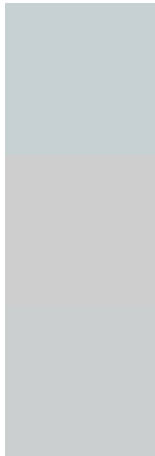
Original Color
83, 3.371, 217.647

Protanomaly
83, 2.123, 290.393

Deuteranomaly
83, 6.107, 335.995

Tritanomaly
83, 6.276, 267.562

Monochromacy



Original Color
83, 3.371, 217.647

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 1.201, 225.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 3.371, 217.647 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(199, 208, 210)` looks like.

```
.text, #text, p{  
    color:rgb(199, 208, 210)  
}
```

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(199, 208, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 208, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 3.371, 217.647 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(199, 208, 210) }
```

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

```
.border{ border-color:rgb(199, 208, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 208, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 208, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 208, 210);  
box-shadow:4px 4px 4px 4px rgb(199, 208,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 3.371, 217.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 208, 210) }
```

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

```
.background{ background-color: rgb(199,  
208, 210) }
```

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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