

Converting Colors

CIELCh(83, 8.349, 238.469)

Have a look what the booklet for
CIELCh(83, 8.349, 238.469) contains.

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Color

CIELCh(83, 8.349, 238.469)

Conversions

Conversions Part 1

Format	Color
Hex	BFD2DC
RGB	191, 210, 220
RGB Percent	75%, 82%, 86%
CMY	0.2520, 0.1775, 0.1383
CMYK	0.13, 0.05, 0.00, 0.14
HSL	201°, 29%, 80%
HSV	201°, 13%, 86%
XYZ	57.2889, 62.1629, 76.5084
YIQ	205.4590, -14.5340, -0.9180

Conversions

Conversions Part 2

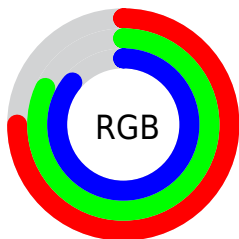
Format	Color
RYB	191, 202, 220
Decimal	12571356
CIELab	83.00, -4.37, -7.12
CIELCh	83, 8.349, 238.469
Yxy	62.1629, 0.2923, 0.3172
Android (android.graphics.Color)	4290761436 (0xFFBFD2DC)
YUV	205.4590, 7.1687, -12.6805
Hunter-Lab	78.8435, -8.2752, -2.3436

Details

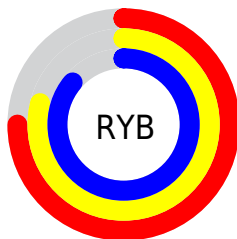
The CIELCh color $83, 8.349, 238.469$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 8.913, 55.963$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 2.426, 199.524$, and $63, 8.415, 235.797$ is the 20% darker color. If you saturate the color by 10%, you get $80, 14.376, 239.681$, and if you desaturate by 10%, it is $87, 2.059, 237.636$.

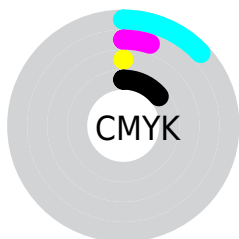
Distribution



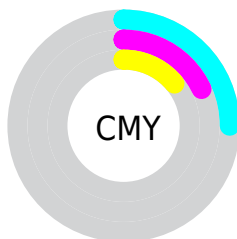
- Red (75%)
- Green (82%)
- Blue (86%)



- Red (75%)
- Yellow (79%)
- Blue (86%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (25%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 8.349, 238.469 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, 8.349, 238.469 by changing the saturation by 10% instead.

 83, 8.349, 238.469

 83, 8.349, 238.469

 100, 8.349,
238.469

 73, 8.349, 238.469

 63, 8.349, 238.469

 53, 8.349, 238.469

 43, 8.349, 238.469

 33, 8.349, 238.469

 23, 8.349, 238.469

 13, 8.349, 238.469

 3, 8.349, 238.469

 0, 8.349, 238.469

83, 8.349, 238.469

83, 8.349, 238.469

80, 14.376,
239.681

87, 2.059, 237.636

76, 20.077,
241.228

90, 4.433, 56.455

73, 25.388,
243.158

94, 10.576, 57.843

70, 30.255,
245.555

95, 11.745, 81.357

67, 34.646,
248.503

97, 14.424, 98.222

64, 38.573,
252.078

99, 17.830,
108.829

61, 42.108,
256.313

59, 45.393,
261.159

■ 57, 47.624,
264.622

Harmonies

Complementary

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



83, 8.349, 238.469



82, 8.913, 55.963

Rectangle

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



83, 8.349, 238.469



83, 8.349, 288.469



83, 8.349, 58.469



83, 8.349, 108.469

Sweetspot

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



83, 8.349, 238.456



98, 2.905, 237.661



85, 14.675, 154.711



52, 2.061, 237.700



0, 0.000, 0.000



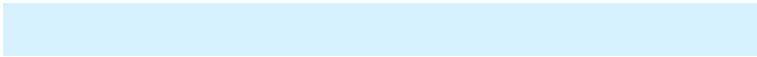
53, 0.007, 296.813

Same Dimension

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



83, 8.349, 238.456



94, 11.358, 238.785



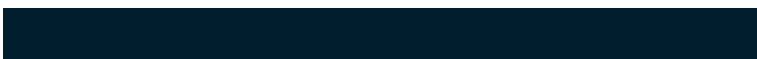
79, 12.975, 283.932



44, 3.611, 238.075



46, 39.502, 263.718



10, 14.377, 253.087

Inverse Universe

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



80, 14.665, 337.082



90, 20.107, 337.311



86, 12.742, 100.860



43, 6.281, 336.790



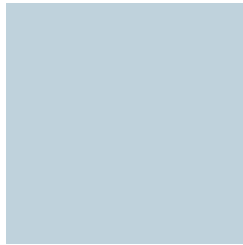
38, 67.359, 348.187



6, 27.227, 343.895

Previews

White Background



This preview shows how the CIELCh color 83, 8.349, 238.469 looks on a white background.

Color Contrast Check

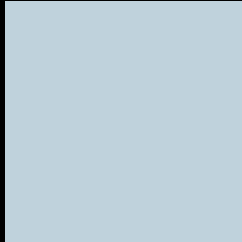
Large Text (above 18pt) WCAG AA × Fail

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, 8.349, 238.469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

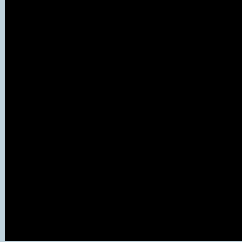
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

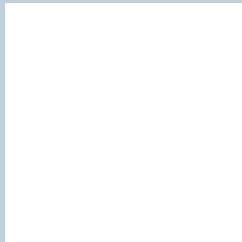
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 8.349, 238.469

Background



This preview shows how black text looks on a background with the CIELCh color 83, 8.349, 238.469.



This preview shows how white text looks on a background with the CIELCh color 83, 8.349, 238.469.

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, 8.349, 238.469

Protanopia

83, 6.405, 297.113

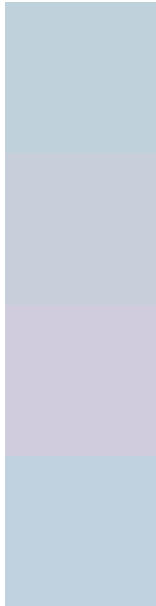
Deuteranopia

83, 13.079, 322.291



Tritanopia
83, 10.157, 255.778

Trichromacy



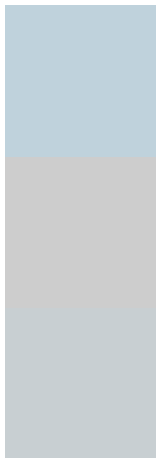
Original Color
83, 8.349, 238.469

Protanomaly
83, 6.154, 270.584

Deuteranomaly
83, 9.201, 302.032

Tritanomaly
83, 9.331, 251.838

Monochromacy



Original Color
83, 8.349, 238.469

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 2.946, 232.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 8.349, 238.469 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(191, 210, 220)` looks like.

```
.text, #text, p{  
    color:rgb(191, 210, 220)  
}
```

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(191, 210, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 210, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 8.349, 238.469 is called "border". The border property can be set on classes, ids or directly on the HTML element.

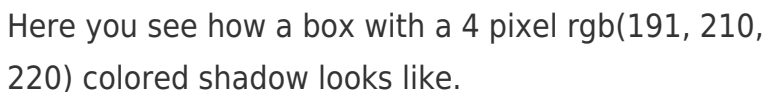
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 210, 220) }
```

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

```
.border{ border-color:rgb(191, 210, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 210, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 210, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 210, 220); box-shadow:4px 4px 4px 4px rgb(191, 210, 220) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 8.349, 238.469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 210, 220) }
```

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

```
.background{ background-color: rgb(191,  
210, 220) }
```

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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