

Converting Colors

CIELCh(83, 11.488, 239.997)

Have a look what the booklet for
CIELCh(83, 11.488, 239.997)
contains.

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Color

CIELCh(83, 11.378, 239.674)

Conversions

Conversions Part 1

Format	Color
Hex	B9D3E1
RGB	185, 211, 225
RGB Percent	73%, 83%, 88%
CMY	0.2755, 0.1736, 0.1187
CMYK	0.18, 0.06, 0.00, 0.12
HSL	201°, 40%, 80%
HSV	201°, 18%, 88%
XYZ	56.7297, 62.1629, 80.0533
YIQ	204.8220, -19.9900, -1.1580

Conversions

Conversions Part 2

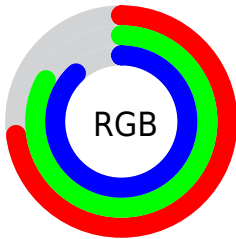
Format	Color
RYB	185, 201, 225
Decimal	12178401
CIELab	83.00, -5.74, -9.82
CIELCh	83, 11.378, 239.674
Yxy	62.1629, 0.2852, 0.3125
Android (android.graphics.Color)	4290368481 (0xFFB9D3E1)
YUV	204.8220, 9.9478, -17.3839
Hunter-Lab	78.8435, -9.5413, -5.0094

Details

The CIELCh color **83, 11.378, 239.674** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 12.446, 56.220**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 4.823, 199.237**, and **63, 11.524, 238.076** is the 20% darker color. If you saturate the color by 10%, you get **79, 17.387, 241.058**, and if you desaturate by 10%, it is **87, 5.078, 238.586**.

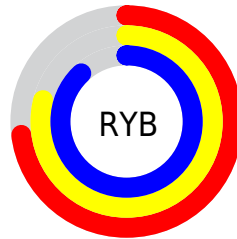
Distribution



Red (73%)

Green (83%)

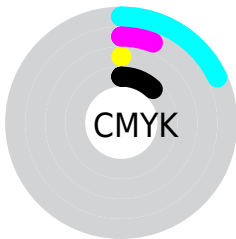
Blue (88%)



Red (73%)

Yellow (79%)

Blue (88%)

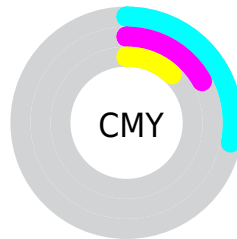


Cyan (18%)

Magenta (6%)

Yellow (0%)

Black (12%)



Cyan (28%)


Magenta (17%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 11.378, 239.674 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, 11.378, 239.674 by changing the saturation by 10% instead.


 83, 11.378,
239.674


 83, 11.378,
239.674


 100, 11.378,
239.674


 73, 11.378,
239.674

 63, 11.378,
239.674

 53, 11.378,
239.674

 43, 11.378,
239.674

 33, 11.378,
239.674

 23, 11.378,
239.674

 13, 11.378,

239.674

■ 3, 11.378, 239.674

■ 0, 11.378, 239.674

■ 83, 11.378,
239.674

■ 83, 11.378,
239.674

■ 79, 17.387,
241.058

■ 87, 5.078, 238.586

■ 76, 23.041,
242.800

■ 90, 1.451, 57.206

■ 94, 8.154, 56.755

■ 73, 28.278,
244.965

■ 96, 10.055, 81.716

■ 70, 33.055,
247.640

■ 98, 12.975,
101.198

■ 67, 37.359,

■ 99, 15.311,

250.905

109.020

■ 64, 41.230,
254.819

■ 61, 44.777,
259.377

■ 59, 48.186,
264.444

■ 58, 48.962,
265.548

Harmonies

Complementary

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



83, 11.378, 239.674



82, 12.446, 56.220

Rectangle

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



83, 11.378, 239.674



83, 11.378, 289.674



83, 11.378, 59.674



83, 11.378, 109.674

Sweetspot

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



83, 11.378, 239.665



98, 3.627, 238.369



86, 20.178, 154.319



52, 2.471, 238.418



0, 0.000, 0.000



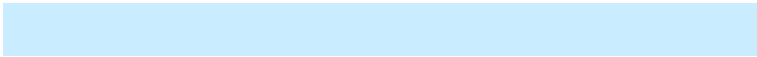
53, 0.007, 296.813

Same Dimension

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



83, 11.378, 239.665



92, 14.773, 240.097



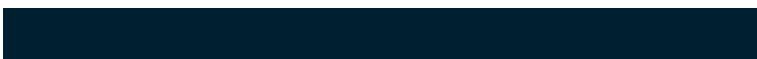
78, 17.950, 284.567



45, 3.684, 238.740



46, 40.346, 264.631



11, 15.040, 254.602

Inverse Universe

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



79, 20.131, 337.677



87, 26.365, 337.948



87, 17.522, 100.337



44, 6.377, 337.021



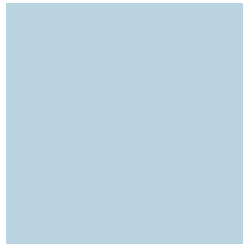
39, 67.880, 348.630



7, 28.493, 344.374

Previews

White Background



This preview shows how the CIELCh color 83, 11.378, 239.674 looks on a white background.

Color Contrast Check

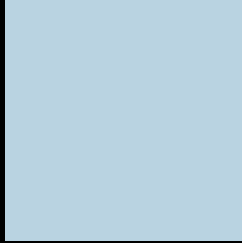
Large Text (above 18pt) WCAG AA × Fail

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, 11.378, 239.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

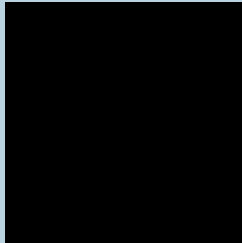
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

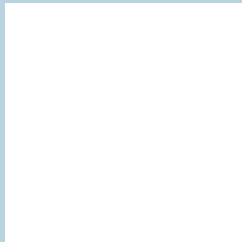
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 11.378, 239.674

Background



This preview shows how black text looks on a background with the CIELCh color 83, 11.378, 239.674.



This preview shows how white text looks on a background with the CIELCh color 83, 11.378, 239.674.

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](#).

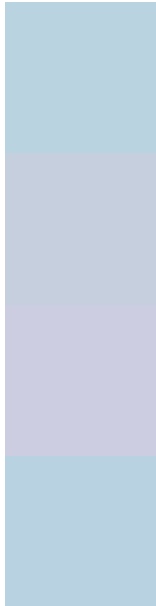
Dichromacy





Tritanopia
83, 12.176, 246.800

Trichromacy



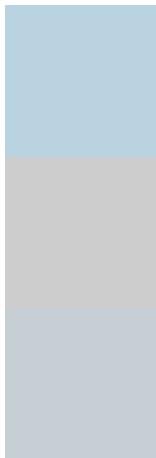
Original Color
83, 11.378, 239.674

Protanomaly
83, 8.469, 269.137

Deuteranomaly
83, 11.114, 291.143

Tritanomaly
83, 11.817, 244.913

Monochromacy



Original Color
83, 11.378, 239.674

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 4.118, 239.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 11.378, 239.674 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(185, 211, 225)` looks like.

```
.text, #text, p{  
    color:rgb(185, 211, 225)  
}
```

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(185, 211, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 211, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 11.378, 239.674 is called "border". The border property can be set on classes, ids or directly on the HTML element.

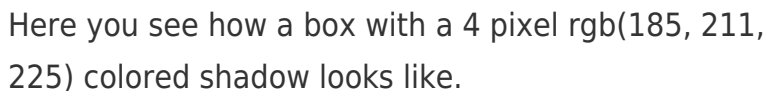
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 211, 225) }
```

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

```
.border{ border-color:rgb(185, 211, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 211, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 211, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 211, 225); box-shadow:4px 4px 4px 4px rgb(185, 211, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 11.378, 239.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 211, 225) }
```

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

```
.background{ background-color: rgb(185,  
211, 225) }
```

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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