

Converting Colors

CIELCh(83, 8.719, 228.864)

Have a look what the booklet for
CIELCh(83, 8.719, 228.864) contains.

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Color

CIELCh(83, 8.883, 231.490)

Conversions

Conversions Part 1

Format	Color
Hex	BCD2DB
RGB	188, 210, 219
RGB Percent	74%, 82%, 86%
CMY	0.2612, 0.1749, 0.1396
CMYK	0.14, 0.04, 0.00, 0.14
HSL	197°, 30%, 80%
HSV	197°, 14%, 86%
XYZ	56.8162, 62.1629, 76.2951
YIQ	204.4480, -16.0010, -1.8650

Conversions

Conversions Part 2

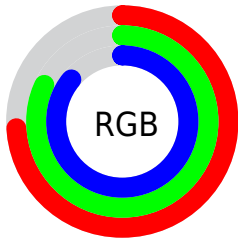
Format	Color
R _{YB}	188, 201, 219
Decimal	12374747
CIE Lab	83.00, -5.53, -6.95
CIE LCh	83, 8.883, 231.490
Yxy	62.1629, 0.2910, 0.3183
Android (android.graphics.Color)	4290564827 (0xFFBCD2DB)
YUV	204.4480, 7.1741, -14.4249
Hunter-Lab	78.8435, -9.3454, -2.1832

Details

The CIELCh color `83, 8.883, 231.490` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `81, 9.625, 49.452`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 3.799, 199.339`, and `63, 9.012, 228.721` is the 20% darker color. If you saturate the color by 10%, you get `80, 14.786, 232.473`, and if you desaturate by 10%, it is `86, 2.656, 230.827`.

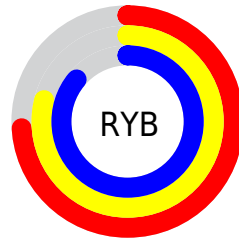
Distribution



Red (74%)

Green (82%)

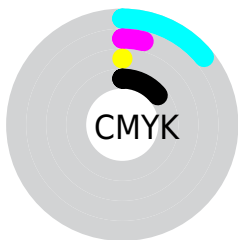
Blue (86%)



Red (74%)

Yellow (79%)

Blue (86%)

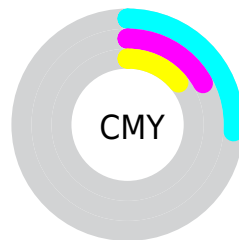


Cyan (14%)

Magenta (4%)

Yellow (0%)

Black (14%)



Cyan (26%)

Magenta (17%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 8.883, 231.490 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, 8.883, 231.490 by changing the saturation by 10% instead.

■ 83, 8.883, 231.490

■ 83, 8.883, 231.490

■ 100, 8.883,
231.490

■ 73, 8.883, 231.490

■ 63, 8.883, 231.490

■ 53, 8.883, 231.490

■ 43, 8.883, 231.490

■ 33, 8.883, 231.490

■ 23, 8.883, 231.490

■ 13, 8.883, 231.490

■ 3, 8.883, 231.490

■ 0, 8.883, 231.490

83, 8.883, 231.490

83, 8.883, 231.490

80, 14.786,
232.473

86, 2.656, 230.827

77, 20.289,
233.767

89, 3.824, 49.859

74, 25.311,
235.423

93, 10.496, 49.469

71, 29.783,
237.523

96, 12.562, 87.254

69, 33.655,
240.160

98, 15.016,
100.006

66, 36.924,
243.423

99, 17.989,
108.783

64, 39.649,
247.373

99, 18.003,
108.816

62, 41.969,
252.005

■ 61, 43.272,
254.895

Harmonies

Complementary

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



83, 8.883, 231.490



81, 9.625, 49.452

Rectangle

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



83, 8.883, 231.490



83, 8.883, 281.490



83, 8.883, 51.490



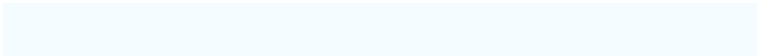
83, 8.883, 101.490

Sweetspot

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



83, 8.883, 231.478



99, 2.904, 230.825



85, 16.301, 152.629



52, 2.060, 230.845



0, 0.000, 0.000



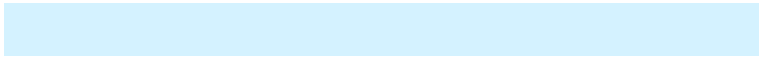
53, 0.007, 296.813

Same Dimension

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



83, 8.883, 231.478



94, 11.984, 231.748



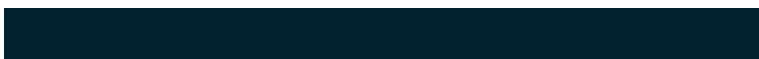
79, 13.134, 281.175



44, 3.605, 231.109



49, 36.053, 254.017



11, 13.606, 243.988

Inverse Universe

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



80, 16.316, 334.842



89, 22.209, 335.063



85, 12.953, 97.734



43, 6.530, 334.501



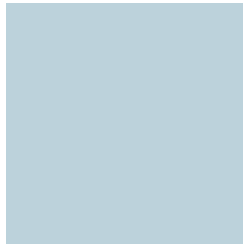
38, 69.627, 344.074



6, 28.208, 340.702

Previews

White Background



This preview shows how the CIELCh color 83, 8.883, 231.490 looks on a white background.

Color Contrast Check

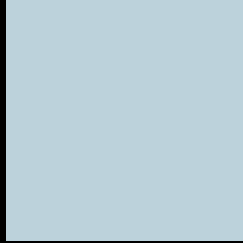
Large Text (above 18pt) WCAG AA × Fail

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, 8.883, 231.490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

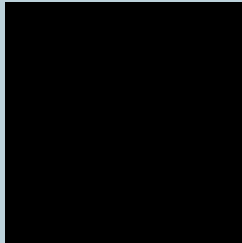
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

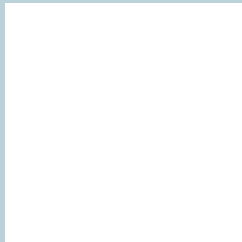
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 8.883, 231.490

Background



This preview shows how black text looks on a background with the CIELCh color 83, 8.883, 231.490.



This preview shows how white text looks on a background with the CIELCh color 83, 8.883, 231.490.

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, 10.952, 254.535

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 8.883, 231.490 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(188, 210, 219)` looks like.

```
.text, #text, p{  
    color:rgb(188, 210, 219)  
}
```

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(188, 210, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 210, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 8.883, 231.490 is called "border". The border property can be set on classes, ids or directly on the HTML element.

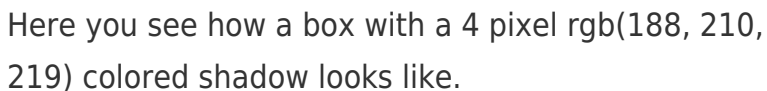
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 210, 219) }
```

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

```
.border{ border-color:rgb(188, 210, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 210, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 210, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 210, 219); box-shadow:4px 4px 4px 4px rgb(188, 210, 219) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 8.883, 231.490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 210, 219) }
```

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

```
.background{ background-color: rgb(188,  
210, 219) }
```

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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