

Converting Colors

CIELCh(83, 8.940, 240.483)

Have a look what the booklet for
CIELCh(83, 8.940, 240.483) contains.

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Color

CIELCh(83, 8.924, 239.853)

Conversions

Conversions Part 1

Format	Color
Hex	BED2DD
RGB	190, 210, 221
RGB Percent	75%, 82%, 87%
CMY	0.2555, 0.1770, 0.1339
CMYK	0.14, 0.05, 0.00, 0.13
HSL	201°, 31%, 81%
HSV	201°, 14%, 87%
XYZ	57.2419, 62.1629, 77.2863
YIQ	205.2740, -15.4510, -0.8190

Conversions

Conversions Part 2

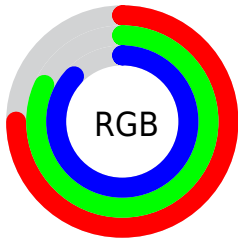
Format	Color
RYB	190, 202, 221
Decimal	12505821
CIELab	83.00, -4.48, -7.72
CIELCh	83, 8.924, 239.853
Yxy	62.1629, 0.2910, 0.3160
Android (android.graphics.Color)	4290695901 (0xFFBED2DD)
YUV	205.2740, 7.7529, -13.3953
Hunter-Lab	78.8435, -8.3817, -2.9286

Details

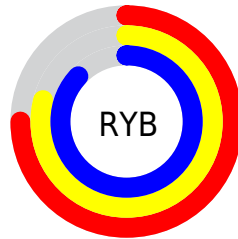
The CIELCh color $83, 8.924, 239.853$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 9.552, 57.088$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.114, 199.421$, and $63, 9.000, 237.482$ is the 20% darker color. If you saturate the color by 10%, you get $79, 14.978, 241.134$, and if you desaturate by 10%, it is $87, 2.612, 238.915$.

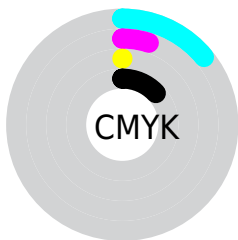
Distribution



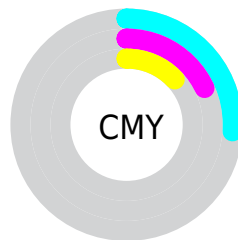
- Red (75%)
- Green (82%)
- Blue (87%)



- Red (75%)
- Yellow (79%)
- Blue (87%)



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



- Cyan (26%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 8.924, 239.853 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, 8.924, 239.853 by changing the saturation by 10% instead.

■ 83, 8.924, 239.853

■ 83, 8.924, 239.853

■ 100, 8.924,
239.853

■ 73, 8.924, 239.853

■ 63, 8.924, 239.853

■ 53, 8.924, 239.853

■ 43, 8.924, 239.853

■ 33, 8.924, 239.853

■ 23, 8.924, 239.853

■ 13, 8.924, 239.853

■ 3, 8.924, 239.853

■ 0, 8.924, 239.853

83, 8.924, 239.853

83, 8.924, 239.853

79, 14.978,
241.134

87, 2.612, 238.915

76, 20.713,
242.755

90, 3.900, 57.723

73, 26.068,
244.771

94, 10.231, 58.505

70, 30.992,
247.262

96, 11.556, 83.281

66, 35.461,
250.314

98, 14.471,
100.358

64, 39.495,
253.993

99, 17.268,
108.872

61, 43.174,
258.322

58, 46.649,
263.233

■ 57, 48.741,
266.265

Harmonies

Complementary

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



83, 8.924, 239.853



82, 9.552, 57.088

Rectangle

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



83, 8.924, 239.853



83, 8.924, 289.853



83, 8.924, 59.853



83, 8.924, 109.853

Sweetspot

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



83, 8.924, 239.841



98, 2.909, 238.914



85, 15.484, 155.341



52, 2.065, 238.957



0, 0.000, 0.000



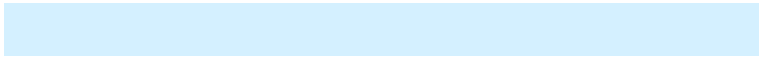
53, 0.007, 296.813

Same Dimension

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



83, 8.924, 239.841



93, 12.075, 240.209



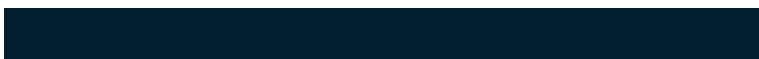
79, 14.139, 284.937



44, 3.618, 239.350



45, 40.245, 265.346



10, 14.555, 254.674

Inverse Universe

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



80, 15.564, 337.593



89, 21.228, 337.840



86, 13.849, 101.702



43, 6.236, 337.232



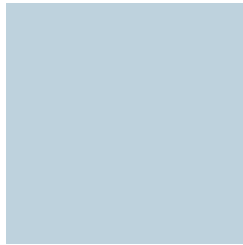
38, 66.987, 348.985



6, 27.057, 344.515

Previews

White Background



This preview shows how the CIELCh color 83, 8.924, 239.853 looks on a white background.

Color Contrast Check

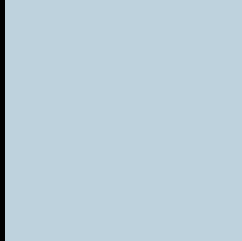
Large Text (above 18pt) WCAG AA × Fail

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, 8.924, 239.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

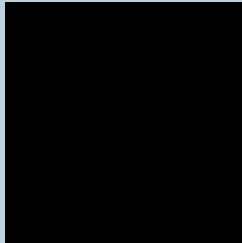
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

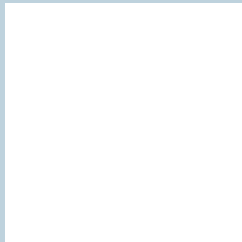
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 8.924, 239.853

Background



This preview shows how black text looks on a background with the CIELCh color 83, 8.924, 239.853.



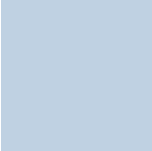
This preview shows how white text looks on a background with the CIELCh color 83, 8.924, 239.853.

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](#).

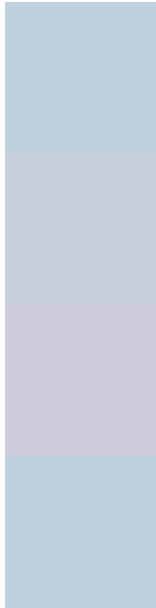
Dichromacy





Tritanopia
83, 10.765, 256.000

Trichromacy



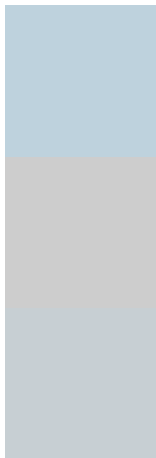
Original Color
83, 8.924, 239.853

Protanomaly
83, 6.651, 272.228

Deuteranomaly
83, 9.658, 299.396

Tritanomaly
83, 9.937, 252.303

Monochromacy



Original Color
83, 8.924, 239.853

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 3.526, 236.323

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 8.924, 239.853 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(190, 210, 221)` looks like.

```
.text, #text, p{  
    color:rgb(190, 210, 221)  
}
```

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(190, 210, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 210, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 8.924, 239.853 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(190, 210, 221) }
```

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

```
.border{ border-color:rgb(190, 210, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 210, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 210, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 210, 221);  
box-shadow:4px 4px 4px 4px rgb(190, 210,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 8.924, 239.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 210, 221) }
```

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

```
.background{ background-color: rgb(190,  
210, 221) }
```

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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