

Converting Colors

CIELCh(83, 8.549, 270.626)

Have a look what the booklet for
CIELCh(83, 8.549, 270.626) contains.

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Color

CIELCh(83, 8.852, 272.578)

Conversions

Conversions Part 1

Format	Color
Hex	C7CFDF
RGB	199, 207, 223
RGB Percent	78%, 81%, 87%
CMY	0.2192, 0.1878, 0.1251
CMYK	0.11, 0.07, 0.00, 0.13
HSL	220°, 27%, 83%
HSV	220°, 11%, 87%
XYZ	59.2496, 62.1629, 78.7591
YIQ	206.4320, -9.9040, 3.2800

Conversions

Conversions Part 2

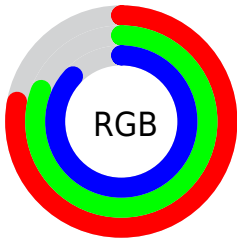
Format	Color
R_{YB}	199, 205, 223
Decimal	13094879
CIE Lab	83.00, 0.40, -8.84
CIE LCh	83, 8.852, 272.578
Yxy	62.1629, 0.2960, 0.3105
Android (android.graphics.Color)	4291284959 (0xFFC7CFDF)
YUV	206.4320, 8.1680, -6.5179
Hunter-Lab	78.8435, -3.8363, -4.0361

Details

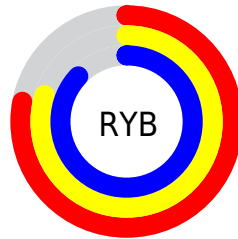
The CIELCh color $83, 8.852, 272.578$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $86, 8.858, 89.747$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $63, 8.818, 271.801$ is the 20% darker color. If you saturate the color by 10%, you get $78, 17.206, 274.107$, and if you desaturate by 10%, it is $88, 0.627, 271.625$.

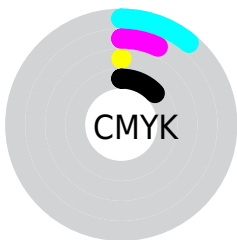
Distribution



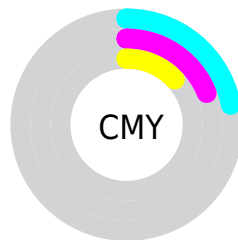
- Red (78%)
- Green (81%)
- Blue (87%)



- Red (78%)
- Yellow (80%)
- Blue (87%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 8.852, 272.578 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, 8.852, 272.578 by changing the saturation by 10% instead.

■ 83, 8.852, 272.578

■ 83, 8.852, 272.578

■ 100, 8.852,
272.578

■ 73, 8.852, 272.578

■ 63, 8.852, 272.578

■ 53, 8.852, 272.578

■ 43, 8.852, 272.578

■ 33, 8.852, 272.578

■ 23, 8.852, 272.578

■ 13, 8.852, 272.578

■ 3, 8.852, 272.578

■ 0, 8.852, 272.578

83, 8.852, 272.578

83, 8.852, 272.578

78, 17.206,
274.107

88, 0.627, 271.625

72, 25.697,
275.919

94, 7.465, 90.024

67, 34.336,
278.043

98, 14.553,
104.332

61, 43.144,
280.521

99, 16.135,
108.958

56, 52.157,
283.377

51, 61.413,
286.602

46, 70.928,
290.124

42, 80.626,
293.789

■ 38, 89.553,
297.044

Harmonies

Complementary

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



83, 8.852, 272.578



86, 8.858, 89.747

Rectangle

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



83, 8.852, 272.578



83, 8.852, 322.578



83, 8.852, 92.578



83, 8.852, 142.578

Sweetspot

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



83, 8.851, 272.568



98, 2.741, 271.597



87, 9.644, 171.652



52, 2.078, 271.678



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, 8.851, 272.568



92, 11.940, 272.905



81, 12.848, 296.912



44, 4.689, 272.386



30, 73.763, 296.463



5, 24.059, 286.564

Inverse Universe

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



82, 9.809, 354.658



91, 13.267, 354.910



88, 12.543, 115.260



44, 5.189, 354.518



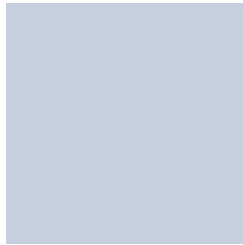
37, 65.368, 17.814



6, 25.434, 5.833

Previews

White Background



This preview shows how the CIELCh color 83, 8.852, 272.578 looks on a white background.

Color Contrast Check

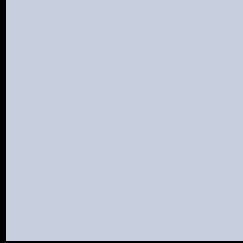
Large Text (above 18pt) WCAG AA × Fail

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, 8.852, 272.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

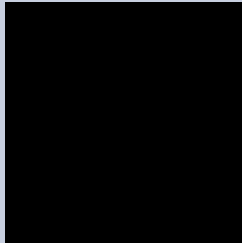
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

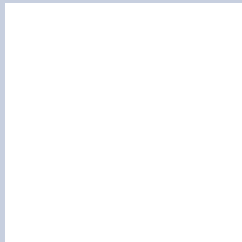
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 8.852, 272.578

Background



This preview shows how black text looks on a background with the CIELCh color 83, 8.852, 272.578.

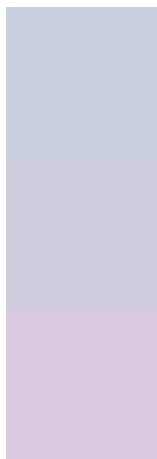


This preview shows how white text looks on a background with the CIELCh color 83, 8.852, 272.578.

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

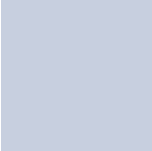
83, 8.852, 272.578

Protanopia

83, 9.011, 293.199

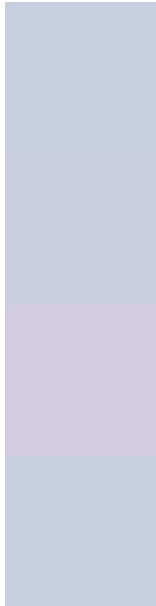
Deuteranopia

83, 13.654, 317.381



Tritanopia
83, 8.852, 272.578

Trichromacy



Original Color
83, 8.852, 272.578

Protanomaly
83, 8.511, 283.822

Deuteranomaly
83, 11.515, 305.288

Tritanomaly
83, 8.852, 272.578

Monochromacy



Original Color
83, 8.852, 272.578

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 3.336, 271.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 8.852, 272.578 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, 207, 223)` looks like.

```
.text, #text, p{  
    color:rgb(199, 207, 223)  
}
```

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, 207, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 207, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 8.852, 272.578 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, 207, 223) }
```

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

```
.border{ border-color:rgb(199, 207, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 207, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 207, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 207, 223);  
box-shadow:4px 4px 4px 4px rgb(199, 207,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 8.852, 272.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 207, 223) }
```

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

```
.background{ background-color: rgb(199,  
207, 223) }
```

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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