

Converting Colors

CIELCh(83, 1.596, 3.099)

Have a look what the booklet for
CIELCh(83, 1.596, 3.099) contains.

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Color

CIELCh(83, 1.559, 359.363)

Conversions

Conversions Part 1

Format	Color
Hex	D2CECF
RGB	210, 206, 207
RGB Percent	82%, 81%, 81%
CMY	0.1775, 0.1932, 0.1893
CMYK	0.00, 0.02, 0.01, 0.18
HSL	345°, 4%, 81%
HSV	345°, 2%, 82%
XYZ	59.7339, 62.1629, 67.7055
YIQ	207.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

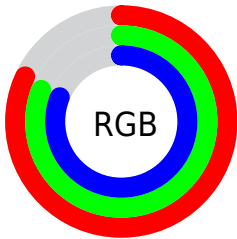
Format	Color
RYP	210, 206, 207
Decimal	13815503
CIELab	83.00, 1.56, -0.02
CIElCh	83, 1.559, 359.363
Yxy	62.1629, 0.3150, 0.3279
Android (android.graphics.Color)	4292005583 (0xFFD2CECF)
YUV	207.3100, -0.1528, 2.3591
Hunter-Lab	78.8435, -2.7397, 4.2762

Details

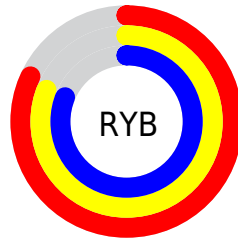
The CIELCh color $83, 1.559, 359.363$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 1.539, 179.727$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $63, 1.648, 359.498$ is the 20% darker color. If you saturate the color by 10%, you get $77, 9.942, 0.669$, and if you desaturate by 10%, it is $89, 6.426, 178.966$.

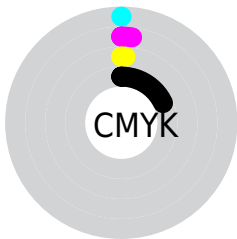
Distribution



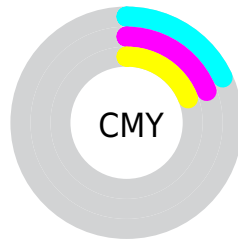
- Red (82%)
- Green (81%)
- Blue (81%)



- Red (82%)
- Yellow (81%)
- Blue (81%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 1.559, 359.363 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, 1.559, 359.363 by changing the saturation by 10% instead.

■ 83, 1.559, 359.363

■ 83, 1.559, 359.363

100, 1.559,
359.363

■ 73, 1.559, 359.363

■ 63, 1.559, 359.363

■ 53, 1.559, 359.363

■ 43, 1.559, 359.363

■ 33, 1.559, 359.363

■ 23, 1.559, 359.363

■ 13, 1.559, 359.363

■ 3, 1.559, 359.363

■ 0, 1.559, 359.363

83, 1.559, 359.363

83, 1.559, 359.363

77, 9.942, 0.669

89, 6.426, 178.966

72, 18.698, 1.836

95, 14.006,
178.169

66, 27.742, 3.202

97, 15.138,
196.462

61, 36.916, 4.850

57, 45.970, 6.882

97, 15.085,
198.501

52, 54.559, 9.434

49, 62.295, 12.667

46, 68.874, 16.733

45, 74.237, 21.683

Harmonies

Complementary

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



83, 1.559, 359.363



84, 1.539, 179.727

Rectangle

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



83, 1.559, 359.363



83, 1.559, 49.363



83, 1.559, 179.363



83, 1.559, 229.363

Sweetspot

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



83, 1.557, 359.411



99, 0.958, 359.039



83, 2.394, 317.291



53, 0.545, 359.002



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, 1.557, 359.411



99, 1.915, 359.441



83, 1.205, 44.881



44, 0.925, 359.404



35, 65.810, 25.095



4, 20.332, 7.973

Inverse Universe

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



83, 1.557, 359.411



99, 1.915, 359.441



84, 1.198, 225.959



44, 0.925, 359.404



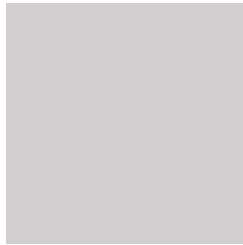
35, 65.810, 25.095



4, 20.332, 7.973

Previews

White Background



This preview shows how the CIELCh color 83, 1.559, 359.363 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 CIE LCh color 83, 1.559, 359.363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

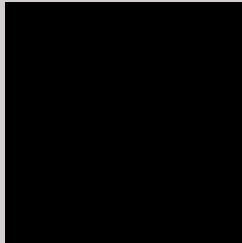
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

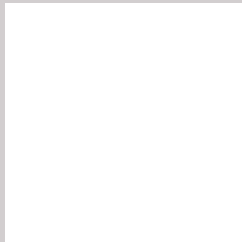
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 1.559, 359.363

Background



This preview shows how black text looks on a background with the CIELCh color 83, 1.559, 359.363.

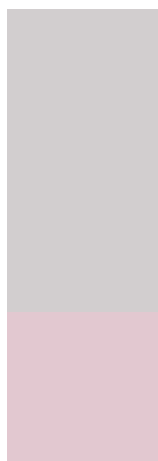


This preview shows how white text looks on a background with the CIELCh color 83, 1.559, 359.363.

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, 1.559, 359.363

Protanopia

83, 1.559, 359.363

Deuteranopia

83, 10.476, 356.492



Tritanopia
83, 8.971, 309.377

Trichromacy



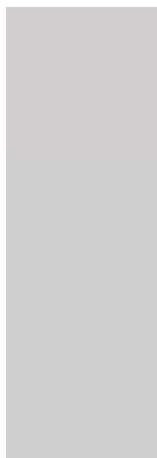
Original Color
83, 1.559, 359.363

Protanomaly
83, 1.559, 359.363

Deuteranomaly
83, 7.340, 354.390

Tritanomaly
83, 5.741, 312.648

Monochromacy



Original Color
83, 1.559, 359.363

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 0.365, 17.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 1.559, 359.363 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(210, 206, 207)` looks like.

```
.text, #text, p{  
    color:rgb(210, 206, 207)  
}
```

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(210, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 206, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 1.559, 359.363 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(210, 206, 207) }
```

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

```
.border{ border-color:rgb(210, 206, 207) }
```

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

Here you see how a box with a 4 pixel rgb(210, 206, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 206, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 206, 207);  
box-shadow:4px 4px 4px 4px rgb(210, 206,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 1.559, 359.363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 206, 207) }
```

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

```
.background{ background-color: rgb(210,  
206, 207) }
```

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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