

Converting Colors

CIELCh(83, 3.010, 349.690)

Have a look what the booklet for
CIELCh(83, 3.010, 349.690) contains.

CIELCh(83, 3.020, 347.825)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(83, 3.020, 347.825)

Conversions

Conversions Part 1

Format	Color
Hex	D4CDD0
RGB	212, 205, 208
RGB Percent	83%, 80%, 82%
CMY	0.1689, 0.1964, 0.1846
CMYK	0.00, 0.03, 0.02, 0.17
HSL	334°, 8%, 82%
HSV	334°, 3%, 83%
XYZ	60.3188, 62.1629, 68.4454
YIQ	207.4350, 3.2090, 2.4170

Conversions

Conversions Part 2

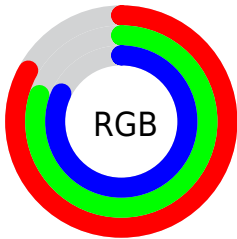
Format	Color
R _{YB}	212, 205, 208
Decimal	13946320
CIE Lab	83.00, 2.95, -0.64
CIE LCh	83, 3.020, 347.825
Yxy	62.1629, 0.3159, 0.3256
Android (android.graphics.Color)	4292136400 (0xFFD4CDD0)
YUV	207.4350, 0.2785, 4.0035
Hunter-Lab	78.8435, -1.4157, 3.7198

Details

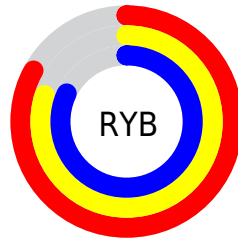
The CIELCh color $83, 3.020, 347.825$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 2.989, 167.573$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $63, 2.872, 343.838$ is the 20% darker color. If you saturate the color by 10%, you get $77, 12.331, 348.879$, and if you desaturate by 10%, it is $89, 5.999, 167.238$.

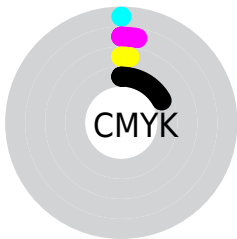
Distribution



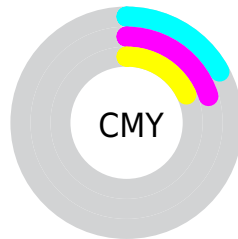
- Red (83%)
- Green (80%)
- Blue (82%)



- Red (83%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 3.020, 347.825 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, 3.020, 347.825 by changing the saturation by 10% instead.

■ 83, 3.020, 347.825

■ 83, 3.020, 347.825

■ 100, 3.020,
347.825

■ 73, 3.020, 347.825

■ 63, 3.020, 347.825

■ 53, 3.020, 347.825

■ 43, 3.020, 347.825

■ 33, 3.020, 347.825

■ 23, 3.020, 347.825

■ 13, 3.020, 347.825

■ 3, 3.020, 347.825

■ 0, 3.020, 347.825

83, 3.020, 347.825

83, 3.020, 347.825

77, 12.331,
348.879

89, 5.999, 167.238

72, 21.862,
349.938

95, 14.687,
166.443

67, 31.469,
351.140

97, 15.773,
178.034

62, 40.921,
352.544

97, 14.391,
198.546

57, 49.880,
354.222

53, 57.906,
356.280

50, 64.516,
358.859

47, 69.322, 2.131

Harmonies

Complementary

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



83, 3.020, 347.825



84, 2.989, 167.573

Rectangle

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



83, 3.020, 347.825



83, 3.020, 37.825



83, 3.020, 167.825



83, 3.020, 217.825

Sweetspot

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



83, 3.018, 347.842



99, 1.063, 347.306



83, 3.990, 311.464



53, 0.605, 347.277



0, 0.000, 0.000



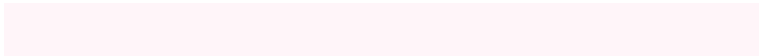
53, 0.007, 296.813

Same Dimension

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



83, 3.018, 347.842



97, 4.253, 347.934



83, 2.400, 25.225



44, 2.622, 348.011



36, 62.580, 8.603



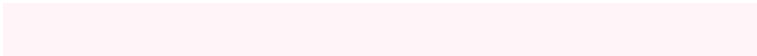
5, 22.916, 358.932

Inverse Universe

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



83, 3.018, 347.842



97, 4.253, 347.934



84, 2.350, 205.484



44, 2.622, 348.011



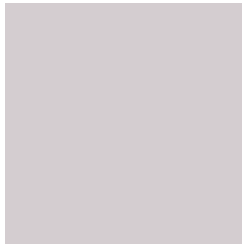
36, 62.580, 8.603



5, 22.916, 358.932

Previews

White Background



This preview shows how the CIELCh color 83, 3.020, 347.825 looks on a white background.

Color Contrast Check

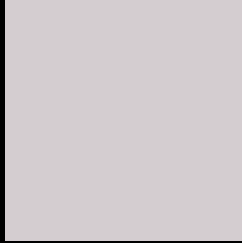
Large Text (above 18pt) WCAG AA × Fail

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, 3.020, 347.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

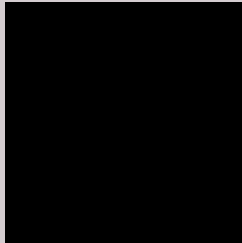
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

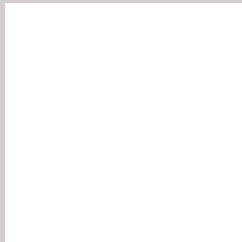
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 3.020, 347.825

Background



This preview shows how black text looks on a background with the CIELCh color 83, 3.020, 347.825.

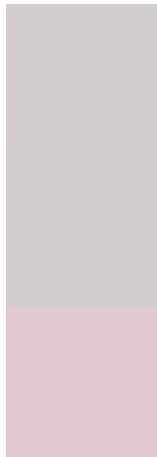


This preview shows how white text looks on a background with the CIELCh color 83, 3.020, 347.825.

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

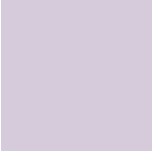
83, 3.020, 347.825

Protanopia

83, 1.813, 343.573

Deuteranopia

83, 10.356, 352.940



Tritanopia
83, 9.382, 315.620

Trichromacy



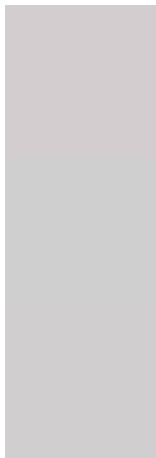
Original Color
83, 3.020, 347.825

Protanomaly
83, 2.118, 349.406

Deuteranomaly
83, 7.577, 350.785

Tritanomaly
83, 6.696, 319.547

Monochromacy



Original Color
83, 3.020, 347.825

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 1.223, 353.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 3.020, 347.825 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(212, 205, 208)` looks like.

```
.text, #text, p{  
    color:rgb(212, 205, 208)  
}
```

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(212, 205, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 205, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 3.020, 347.825 is called "border". The border property can be set on classes, ids or directly on the HTML element.

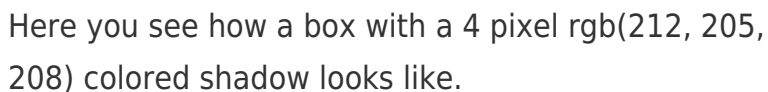
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 205, 208) }
```

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

```
.border{ border-color:rgb(212, 205, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(212, 205, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 205, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 205, 208);  
box-shadow:4px 4px 4px 4px rgb(212, 205,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 3.020, 347.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 205, 208) }
```

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

```
.background{ background-color: rgb(212,  
205, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor