

Converting Colors

CIELCh(83, 4.758, 320.789)

Have a look what the booklet for
CIELCh(83, 4.758, 320.789) contains.

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Color

CIELCh(83, 4.317, 320.590)

Conversions

Conversions Part 1

Format	Color
Hex	D3CDD4
RGB	211, 205, 212
RGB Percent	83%, 80%, 83%
CMY	0.1731, 0.1966, 0.1692
CMYK	0.00, 0.03, 0.00, 0.17
HSL	291°, 7%, 82%
HSV	291°, 3%, 83%
XYZ	60.4803, 62.1629, 70.9979
YIQ	207.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

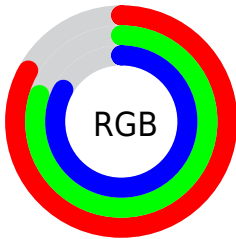
Format	Color
RYB	211, 205, 212
Decimal	13880788
CIELab	83.00, 3.34, -2.74
CIElCh	83, 4.317, 320.590
Yxy	62.1629, 0.3123, 0.3210
Android (android.graphics.Color)	4292070868 (0xFFD3CDD4)
YUV	207.5920, 2.1731, 2.9888
Hunter-Lab	78.8435, -1.0499, 1.8003

Details

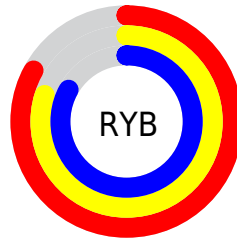
The CIELCh color $83, 4.317, 320.590$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 4.292, 140.389$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $63, 4.090, 324.594$ is the 20% darker color. If you saturate the color by 10%, you get $77, 17.508, 321.094$, and if you desaturate by 10%, it is $89, 8.628, 140.216$.

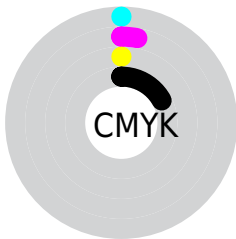
Distribution



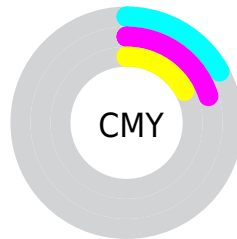
- Red (83%)
- Green (80%)
- Blue (83%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 4.317, 320.590 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, 4.317, 320.590 by changing the saturation by 10% instead.

■ 83, 4.317, 320.590

■ 83, 4.317, 320.590

■ 100, 4.317,
320.590

■ 73, 4.317, 320.590

■ 63, 4.317, 320.590

■ 53, 4.317, 320.590

■ 43, 4.317, 320.590

■ 33, 4.317, 320.590

■ 23, 4.317, 320.590

■ 13, 4.317, 320.590

■ 3, 4.317, 320.590

■ 0, 4.317, 320.590

83, 4.317, 320.590

83, 4.317, 320.590

77, 17.508,
321.094

89, 8.628, 140.216

72, 30.832,
321.566

94, 21.252,
139.767

67, 44.097,
322.021

97, 25.440,
138.354

62, 57.019,
322.440

97, 24.899,
136.281

57, 69.201,
322.797

97, 24.391,
134.102

53, 80.134,
323.060

97, 23.919,
131.815

50, 89.239,
323.193

97, 23.486,
129.423

48, 95.984,
323.161

98, 23.096,
126.929

■ 46,100.066,
322.940

■ 98,22.751,
124.337

Harmonies

Complementary

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



83, 4.317, 320.590



84, 4.292, 140.389

Rectangle

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



83, 4.317, 320.590



83, 4.317, 10.590



83, 4.317, 140.590



83, 4.317, 190.590

Sweetspot

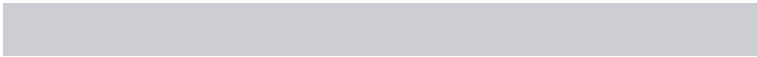
The Sweet Spot groups the original color and five complimentary colors.



83, 4.315, 320.588



99, 1.523, 320.360



83, 3.168, 283.653



53, 0.866, 320.349



0, 0.000, 0.000



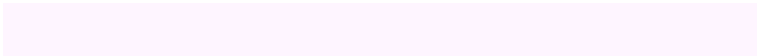
53, 0.007, 296.813

Same Dimension

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



83, 4.315, 320.588



97, 6.078, 320.632



83, 3.522, 336.508



44, 3.744, 320.669



36, 86.571, 322.785



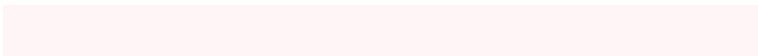
5, 31.978, 322.879

Inverse Universe

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



83, 2.618, 7.769



97, 3.693, 7.872



84, 3.500, 156.252



44, 2.279, 7.956



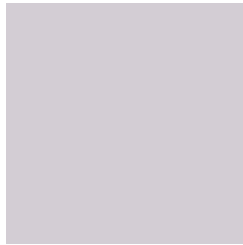
35, 71.260, 33.086



5, 21.990, 13.396

Previews

White Background



This preview shows how the CIELCh color 83, 4.317, 320.590 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, 4.317, 320.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

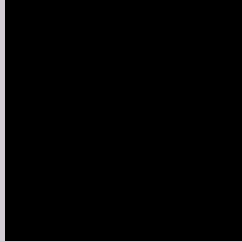
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

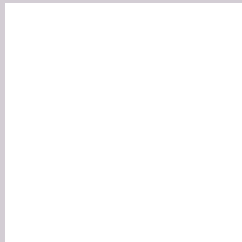
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 4.317, 320.590

Background



This preview shows how black text looks on a background with the CIELCh color 83, 4.317, 320.590.

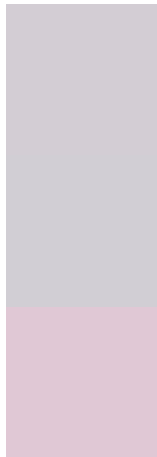


This preview shows how white text looks on a background with the CIELCh color 83, 4.317, 320.590.

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, 4.317, 320.590

Protanopia

83, 3.371, 309.155

Deuteranopia

83, 11.152, 342.302



Tritanopia
83, 8.971, 309.377

Trichromacy



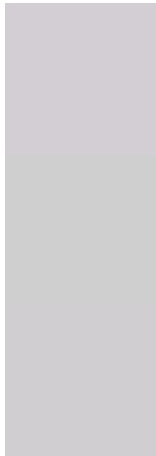
Original Color
83, 4.317, 320.590

Protanomaly
83, 3.507, 314.734

Deuteranomaly
83, 8.517, 337.021

Tritanomaly
83, 7.488, 313.220

Monochromacy



Original Color
83, 4.317, 320.590

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 1.760, 314.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 4.317, 320.590 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(211, 205, 212)` looks like.

```
.text, #text, p{  
    color:rgb(211, 205, 212)  
}
```

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(211, 205, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 205, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 4.317, 320.590 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(211, 205, 212) }
```

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

```
.border{ border-color:rgb(211, 205, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 205, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 205, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 205, 212);  
box-shadow:4px 4px 4px 4px rgb(211, 205,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 4.317, 320.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 205, 212) }
```

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

```
.background{ background-color: rgb(211,  
205, 212) }
```

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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