

Converting Colors

CIELCh(83, 3.333, 351.170)

Have a look what the booklet for
CIELCh(83, 3.333, 351.170) contains.

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Color

CIELCh(83, 3.336, 351.173)

Conversions

Conversions Part 1

Format	Color
Hex	D5CDD0
RGB	213, 205, 208
RGB Percent	84%, 80%, 82%
CMY	0.1659, 0.1972, 0.1855
CMYK	0.00, 0.04, 0.02, 0.17
HSL	338°, 9%, 82%
HSV	338°, 4%, 83%
XYZ	60.4639, 62.1629, 68.2957
YIQ	207.7340, 3.8050, 2.6290

Conversions

Conversions Part 2

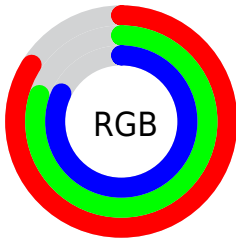
Format	Color
RYB	213, 205, 208
Decimal	14011856
CIELab	83.00, 3.30, -0.51
CIELCh	83, 3.336, 351.173
Yxy	62.1629, 0.3167, 0.3256
Android (android.graphics.Color)	4292201936 (0xFFD5CDD0)
YUV	207.7340, 0.1311, 4.6183
Hunter-Lab	78.8435, -1.0871, 3.8323

Details

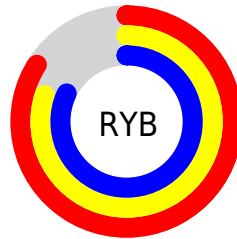
The CIELCh color **83, 3.336, 351.173** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 3.297, 170.805**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **63, 3.194, 347.952** is the 20% darker color. If you saturate the color by 10%, you get **77, 12.406, 352.262**, and if you desaturate by 10%, it is **89, 5.416, 170.560**.

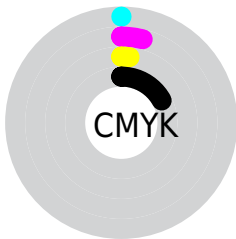
Distribution



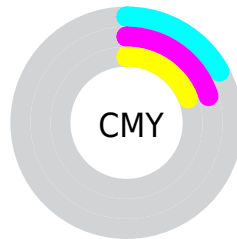
- Red (84%)
- Green (80%)
- Blue (82%)



- Red (84%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 3.336, 351.173 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, 3.336, 351.173 by changing the saturation by 10% instead.

■ 83, 3.336, 351.173

■ 83, 3.336, 351.173

■ 100, 3.336,
351.173

■ 73, 3.336, 351.173

■ 63, 3.336, 351.173

■ 53, 3.336, 351.173

■ 43, 3.336, 351.173

■ 33, 3.336, 351.173

■ 23, 3.336, 351.173

■ 13, 3.336, 351.173

■ 3, 3.336, 351.173

■ 0, 3.336, 351.173

83, 3.336, 351.173

83, 3.336, 351.173

77, 12.406,
352.262

89, 5.416, 170.560

72, 21.731,
353.382

95, 13.815,
169.735

66, 31.176,
354.671

97, 14.907,
183.754

61, 40.521,
356.195

97, 14.144,
198.563

57, 49.441,
358.041

53, 57.513, 0.328

50, 64.279, 3.216

47, 69.390, 6.882

46, 72.817, 11.471

Harmonies

Complementary

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



83, 3.336, 351.173



84, 3.297, 170.805

Rectangle

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



83, 3.336, 351.173



83, 3.336, 41.173



83, 3.336, 171.173



83, 3.336, 221.173

Sweetspot

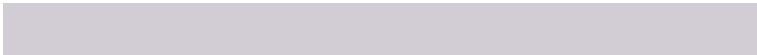
The Sweet Spot groups the original color and five complimentary colors.



83, 3.334, 351.190



99, 1.028, 350.559



83, 4.613, 313.156



53, 0.584, 350.527



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, 3.334, 351.190



97, 5.149, 351.346



83, 2.628, 30.149



43, 3.047, 351.413



36, 63.111, 13.769



5, 22.588, 2.161

Inverse Universe

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



83, 3.334, 351.190



97, 5.149, 351.346



84, 2.567, 210.485



43, 3.047, 351.413



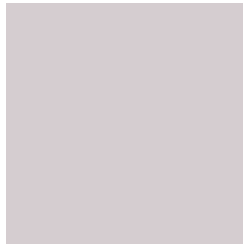
36, 63.111, 13.769



5, 22.588, 2.161

Previews

White Background



This preview shows how the CIELCh color 83, 3.336, 351.173 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, 3.336, 351.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

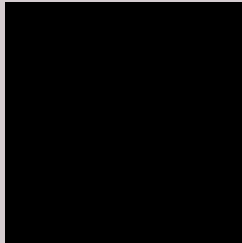
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

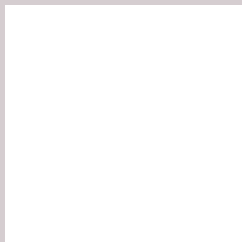
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 3.336, 351.173

Background



This preview shows how black text looks on a background with the CIELCh color 83, 3.336, 351.173.

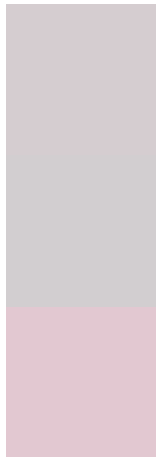


This preview shows how white text looks on a background with the CIELCh color 83, 3.336, 351.173.

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

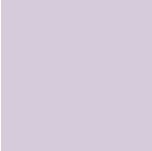
83, 3.336, 351.173

Protanopia

83, 1.813, 343.573

Deuteranopia

83, 10.687, 353.891



Tritanopia
83, 9.382, 315.620

Trichromacy



Original Color
83, 3.336, 351.173

Protanomaly
83, 2.118, 349.406

Deuteranomaly
83, 7.901, 352.130

Tritanomaly
83, 6.880, 322.183

Monochromacy



Original Color
83, 3.336, 351.173

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, 3.336, 351.173 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(213, 205, 208)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 205, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 205, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 3.336, 351.173 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(213, 205, 208) }
```

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

```
.border{ border-color:rgb(213, 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(213, 205, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 205, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 205, 208);  
box-shadow:4px 4px 4px 4px rgb(213, 205,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 3.336, 351.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 205, 208) }
```

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

```
.background{ background-color: rgb(213,  
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](#).

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