

Converting Colors

CIELCh(83, 2.586, 333.540)

Have a look what the booklet for
CIELCh(83, 2.586, 333.540) contains.

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Color

CIELCh(83, 2.809, 330.561)

Conversions

Conversions Part 1

Format	Color
Hex	D2CDD1
RGB	210, 205, 209
RGB Percent	82%, 80%, 82%
CMY	0.1753, 0.1949, 0.1793
CMYK	0.00, 0.02, 0.00, 0.18
HSL	312°, 5%, 81%
HSV	312°, 2%, 82%
XYZ	60.1060, 62.1629, 69.3406
YIQ	206.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

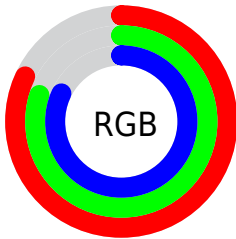
Format	Color
R _Y B	210, 205, 209
Decimal	13815249
CIE Lab	83.00, 2.45, -1.38
CIE LCh	83, 2.809, 330.561
Yxy	62.1629, 0.3137, 0.3244
Android (android.graphics.Color)	4292005329 (0xFFD2CDD1)
YUV	206.9510, 1.0102, 2.6740
Hunter-Lab	78.8435, -1.8974, 3.0466

Details

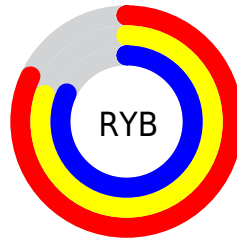
The CIELCh color $83, 2.809, 330.561$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 2.789, 150.501$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $63, 2.968, 330.635$ is the 20% darker color. If you saturate the color by 10%, you get $78, 14.699, 331.284$, and if you desaturate by 10%, it is $89, 8.871, 150.117$.

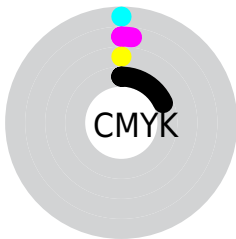
Distribution



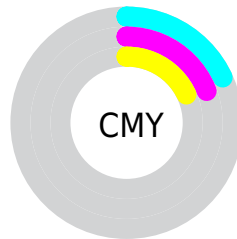
- Red (82%)
- Green (80%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 2.809, 330.561 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, 2.809, 330.561 by changing the saturation by 10% instead.

■ 83, 2.809, 330.561

■ 83, 2.809, 330.561

100, 2.809,
330.561

■ 73, 2.809, 330.561

■ 63, 2.809, 330.561

■ 53, 2.809, 330.561

■ 43, 2.809, 330.561

■ 33, 2.809, 330.561

■ 23, 2.809, 330.561

■ 13, 2.809, 330.561

■ 3, 2.809, 330.561

■ 0, 2.809, 330.561

83, 2.809, 330.561

83, 2.809, 330.561

78, 14.699,
331.284

89, 8.871, 150.117

72, 26.676,
331.944

94, 20.258,
149.525

67, 38.534,
332.621

96, 23.269,
151.457

63, 49.971,
333.318

96, 21.682,
155.205

59, 60.581,
334.040

96, 20.191,
159.506

55, 69.862,
334.793

97, 18.819,
164.441

52, 77.272,
335.592

97, 17.595,
170.086

50, 82.350,
336.463

97, 16.553,
176.489

■ 48, 84.879,
337.444

■ 97, 15.731,
183.640

Harmonies

Complementary

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



83, 2.809, 330.561



84, 2.789, 150.501

Rectangle

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



83, 2.809, 330.561



83, 2.809, 20.561



83, 2.809, 150.561



83, 2.809, 200.561

Sweetspot

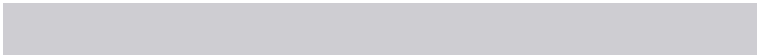
The Sweet Spot groups the original color and five complimentary colors.



83, 2.807, 330.565



99, 1.385, 330.328



83, 2.681, 298.150



53, 0.787, 330.312



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, 2.807, 330.565



98, 4.143, 330.631



83, 1.998, 355.929



43, 2.668, 330.693



38, 72.562, 338.081



5, 26.654, 335.662

Inverse Universe

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



83, 2.807, 330.565



98, 4.143, 330.631



84, 1.975, 175.996



43, 2.668, 330.693



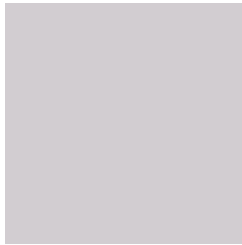
38, 72.562, 338.081



5, 26.654, 335.662

Previews

White Background



This preview shows how the CIELCh color 83, 2.809, 330.561 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, 2.809, 330.561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

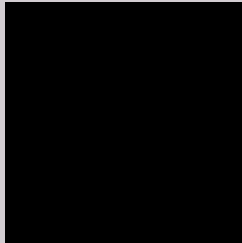
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

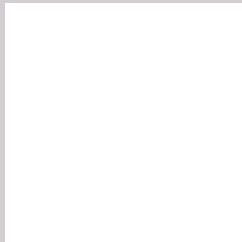
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 2.809, 330.561

Background



This preview shows how black text looks on a background with the CIELCh color 83, 2.809, 330.561.

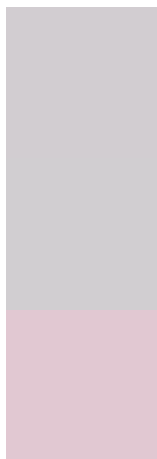


This preview shows how white text looks on a background with the CIELCh color 83, 2.809, 330.561.

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, 2.809, 330.561

Protanopia

83, 1.941, 324.383

Deuteranopia

83, 10.598, 350.392



Tritanopia
83, 8.971, 309.377

Trichromacy



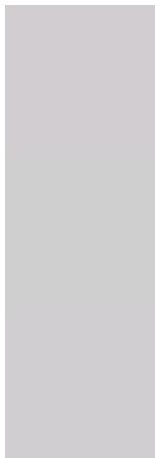
Original Color
83, 2.809, 330.561

Protanomaly
83, 1.941, 324.383

Deuteranomaly
83, 7.843, 347.415

Tritanomaly
83, 6.862, 312.134

Monochromacy



Original Color
83, 2.809, 330.561

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 1.298, 324.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 2.809, 330.561 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, 205, 209)` looks like.

```
.text, #text, p{  
    color:rgb(210, 205, 209)  
}
```

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, 205, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 205, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 2.809, 330.561 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, 205, 209) }
```

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

```
.border{ border-color:rgb(210, 205, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 205, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 205, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 205, 209);  
box-shadow:4px 4px 4px 4px rgb(210, 205,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 2.809, 330.561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 205, 209) }
```

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

```
.background{ background-color: rgb(210,  
205, 209) }
```

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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