

Converting Colors

CIELCh(80, 11.016, 329.610)

Have a look what the booklet for
CIELCh(80, 11.016, 329.610)
contains.

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Color

CIELCh(80, 11.016, 329.610)

Conversions

Conversions Part 1

Format	Color
Hex	D4C1D1
RGB	212, 193, 209
RGB Percent	83%, 76%, 82%
CMY	0.1690, 0.2435, 0.1808
CMYK	0.00, 0.09, 0.01, 0.17
HSL	309°, 18%, 79%
HSV	309°, 9%, 83%
XYZ	57.6713, 56.6813, 68.1623
YIQ	200.5050, 6.1880, 9.0040

Conversions

Conversions Part 2

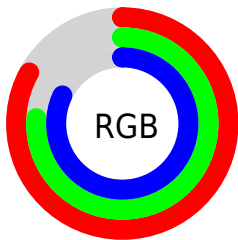
Format	Color
R _{YB}	212, 193, 209
Decimal	13943249
CIE Lab	80.00, 9.50, -5.57
CIE LCh	80, 11.016, 329.610
Yxy	56.6813, 0.3160, 0.3106
Android (android.graphics.Color)	4292133329 (0xFFD4C1D1)
YUV	200.5050, 4.1880, 10.0811
Hunter-Lab	75.2870, 4.9822, -0.9783

Details

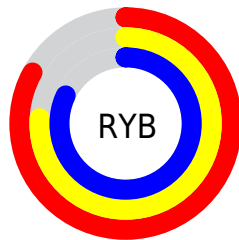
The CIELCh color `80, 11.016, 329.610` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83, 10.985, 148.565`, and the grayscale version is `81, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 3.736, 324.489`, and `60, 11.418, 328.243` is the 20% darker color. If you saturate the color by 10%, you get `75, 23.413, 330.242`, and if you desaturate by 10%, it is `85, 1.252, 149.290`.

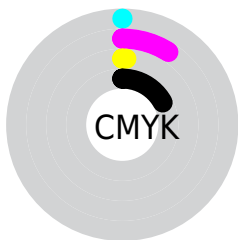
Distribution



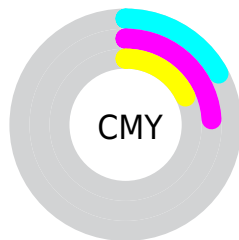
- Red (83%)
- Green (76%)
- Blue (82%)



- Red (83%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (17%)





- Cyan (17%)
- Magenta (24%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 11.016, 329.610 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 80, 11.016, 329.610 by changing the saturation by 10% instead.


 80, 11.016,
329.610


 80, 11.016,
329.610


 100, 11.016,
329.610


 70, 11.016,
329.610


 60, 11.016,
329.610

 50, 11.016,
329.610

 40, 11.016,
329.610

 30, 11.016,
329.610

 20, 11.016,
329.610

 10, 11.016,

329.610

■ 0, 11.016, 329.610

■ 80, 11.016,
329.610

■ 80, 11.016,
329.610

■ 75, 23.413,
330.242

■ 85, 1.252, 149.290

■ 70, 35.760,
330.877

■ 91, 13.270,
148.492

■ 65, 47.779,
331.520

■ 96, 24.069,
148.146

■ 61, 59.091,
332.169

■ 96, 22.742,
150.811

■ 57, 69.214,
332.824

■ 96, 21.463,
153.786

■ 96, 20.241,

■ 54, 77.606,
333.489

157.116

■ 51, 83.766,
334.175

■ 97, 19.089,
160.846

■ 49, 87.383,
334.905

■ 97, 18.021,
165.024

■ 49, 88.657,
335.698

■ 97, 17.052,
169.689

Harmonies

Complementary

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



80, 11.016, 329.610



83, 10.985, 148.565

Rectangle

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



80, 11.016, 329.610



80, 11.016, 19.610



80, 11.016, 149.610



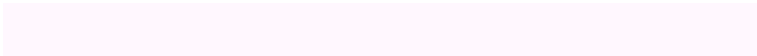
80, 11.016, 199.610

Sweetspot

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



80, 11.014, 329.611



98, 4.269, 329.199



79, 10.232, 296.758



52, 3.237, 329.265



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 11.014, 329.611



93, 15.726, 329.748



80, 7.883, 353.365



42, 7.036, 329.640



39, 75.724, 335.651



6, 29.344, 333.961

Inverse Universe

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



80, 11.014, 329.611



93, 15.726, 329.748



83, 7.713, 171.835



42, 7.036, 329.640



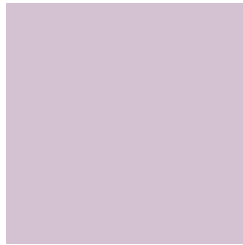
39, 75.724, 335.651



6, 29.344, 333.961

Previews

White Background



This preview shows how the CIELCh color 80, 11.016, 329.610 looks on a white background.

Color Contrast Check

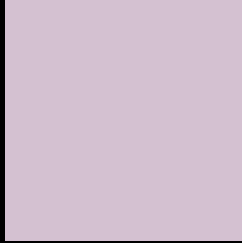
Large Text (above 18pt) WCAG AA × Fail

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 80, 11.016, 329.610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

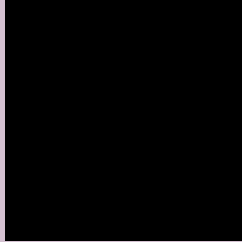
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 11.016, 329.610

Background



This preview shows how black text looks on a background with the CIELCh color 80, 11.016, 329.610.

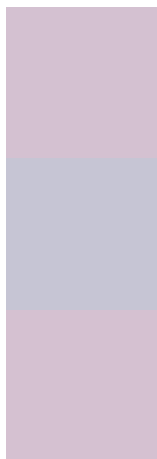


This preview shows how white text looks on a background with the CIELCh color 80, 11.016, 329.610.

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
80, 11.016, 329.610

Protanopia
80, 8.014, 293.439

Deuteranopia
80, 11.248, 331.083



Tritanopia
80, 10.613, 331.429

Trichromacy



Original Color
80, 11.016, 329.610

Protanomaly
80, 8.418, 308.207

Deuteranomaly
80, 11.248, 331.083

Tritanomaly
80, 10.613, 331.429

Monochromacy



Original Color
80, 11.016, 329.610

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 4.118, 328.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 11.016, 329.610 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, 193, 209)` looks like.

```
.text, #text, p{  
    color:rgb(212, 193, 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(212, 193, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 193, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 11.016, 329.610 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, 193, 209) }
```

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

```
.border{ border-color:rgb(212, 193, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 193, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 193, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 193, 209);  
box-shadow:4px 4px 4px 4px rgb(212, 193,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 11.016, 329.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 193, 209) }
```

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

```
.background{ background-color: rgb(212,  
193, 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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