

Converting Colors

CIELCh(79, 16.724, 312.601)

Have a look what the booklet for
CIELCh(79, 16.724, 312.601)
contains.

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Color

CIELCh(79, 16.709, 312.579)

Conversions

Conversions Part 1

Format	Color
Hex	CFBEDB
RGB	207, 190, 219
RGB Percent	81%, 75%, 86%
CMY	0.1900, 0.2566, 0.1429
CMYK	0.05, 0.13, 0.00, 0.14
HSL	275°, 28%, 80%
HSV	275°, 13%, 86%
XYZ	56.6525, 54.9284, 74.3231
YIQ	198.3890, 0.8230, 12.6230

Conversions

Conversions Part 2

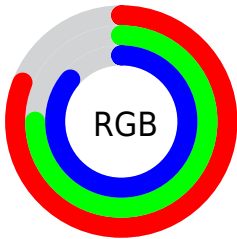
Format	Color
R_{YB}	207, 190, 219
Decimal	13614811
CIE _{Lab}	79.00, 11.31, -12.30
CIE _{LCh}	79, 16.709, 312.579
Yxy	54.9284, 0.3047, 0.2955
Android (android.graphics.Color)	4291804891 (0xFFCFBEDB)
YUV	198.3890, 10.1612, 7.5518
Hunter-Lab	74.1137, 6.7464, -7.5779

Details

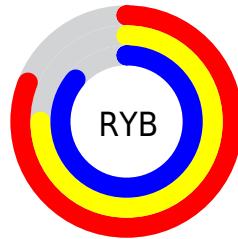
The CIELCh color **79, 16.709, 312.579** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85, 16.460, 131.459**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 5.604, 324.582**, and **59, 16.498, 312.923** is the 20% darker color. If you saturate the color by 10%, you get **73, 29.646, 313.041**, and if you desaturate by 10%, it is **85, 4.063, 312.117**.

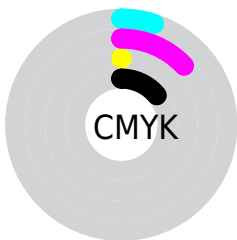
Distribution



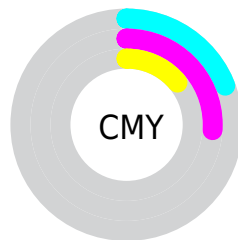
- Red (81%)
- Green (75%)
- Blue (86%)



- Red (81%)
- Yellow (75%)
- Blue (86%)



- Cyan (5%)
- Magenta (13%)
- Yellow (0%)
- Black (14%)





- Cyan (19%)
- Magenta (26%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 16.709, 312.579 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 79, 16.709, 312.579 by changing the saturation by 10% instead.


 79, 16.709,
312.579


 79, 16.709,
312.579


 100, 16.709,
312.579


 69, 16.709,
312.579


 99, 16.709,
312.579

 59, 16.709,
312.579

 49, 16.709,
312.579

 39, 16.709,
312.579

 29, 16.709,
312.579

 19, 16.709,
312.579

 9, 16.709, 312.579

0, 16.709, 312.579

79, 16.709,
312.579

79, 16.709,
312.579

73, 29.646,
313.041

85, 4.063, 312.117

91, 8.239, 131.776

67, 42.785,
313.515

98, 20.103,
131.355

61, 55.954,
313.981

98, 19.025,
122.389

55, 68.866,
314.405

99, 18.480,
112.457

50, 81.073,
314.734

99, 18.430,
108.783

45, 91.940,
314.898

■ 42,100.681,
314.806

■ 39,106.571,
314.369

■ 37,109.139,
313.912

Harmonies

Complementary

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



79, 16.709, 312.579



85, 16.460, 131.459

Rectangle

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



79, 16.709, 312.579



79, 16.709, 2.579



79, 16.709, 132.579



79, 16.709, 182.579

Sweetspot

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



79, 16.707, 312.578



97, 5.648, 312.156



81, 9.829, 265.737



51, 4.017, 312.193



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 16.707, 312.578



89, 22.922, 312.709



80, 17.644, 327.516



43, 7.137, 312.405



29, 91.706, 314.085



4, 31.917, 312.866

Inverse Universe

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



80, 12.497, 349.755



90, 17.155, 350.053



85, 17.615, 145.957



43, 5.334, 349.368



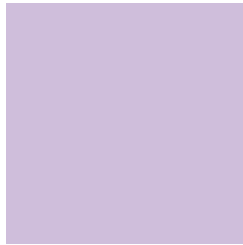
37, 63.359, 10.063



6, 24.377, 0.329

Previews

White Background



This preview shows how the CIELCh color 79, 16.709, 312.579 looks on a white background.

Color Contrast Check

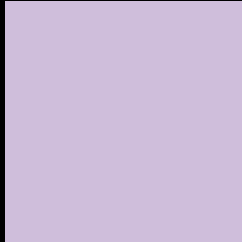
Large Text (above 18pt) WCAG AA × Fail

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 79, 16.709, 312.579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

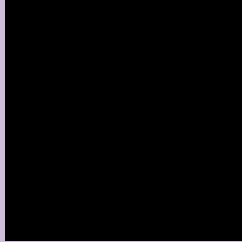
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 16.709, 312.579

Background



This preview shows how black text looks on a background with the CIELCh color 79, 16.709, 312.579.



This preview shows how white text looks on a background with the CIELCh color 79, 16.709, 312.579.

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


79, 16.709, 312.579

Protanopia

79, 14.983, 287.571

Deuteranopia

79, 15.849, 309.645



Tritanopia
79, 9.343, 321.079

Trichromacy



Original Color
79, 16.709, 312.579

Protanomaly
79, 15.648, 297.943

Deuteranomaly
79, 15.964, 310.864

Tritanomaly
79, 12.033, 317.681

Monochromacy



Original Color
79, 16.709, 312.579

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 5.794, 312.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 16.709, 312.579 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(207, 190, 219)` looks like.

```
.text, #text, p{  
    color:rgb(207, 190, 219)  
}
```

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(207, 190, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 190, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 16.709, 312.579 is called "border". The border property can be set on classes, ids or directly on the HTML element.

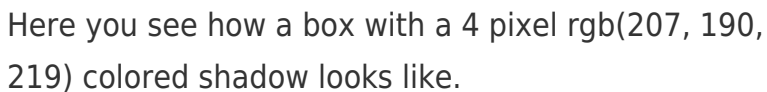
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 190, 219) }
```

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

```
.border{ border-color:rgb(207, 190, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 190, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 190, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 190, 219);  
box-shadow:4px 4px 4px 4px rgb(207, 190,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 16.709, 312.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 190, 219) }
```

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

```
.background{ background-color: rgb(207,  
190, 219) }
```

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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