

Converting Colors

CIELCh(79, 17.599, 311.014)

Have a look what the booklet for
CIELCh(79, 17.599, 311.014)
contains.

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Color

CIELCh(79, 17.720, 311.351)

Conversions

Conversions Part 1

Format	Color
Hex	CEBDDC
RGB	206, 189, 220
RGB Percent	81%, 74%, 86%
CMY	0.1906, 0.2573, 0.1357
CMYK	0.06, 0.14, 0.00, 0.14
HSL	273°, 31%, 80%
HSV	273°, 14%, 86%
XYZ	56.8149, 54.9284, 75.5944
YIQ	197.6170, 0.1810, 13.2450

Conversions

Conversions Part 2

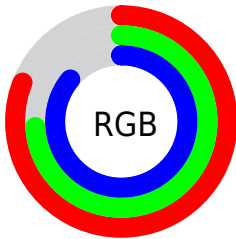
Format	Color
R_{YB}	206, 189, 220
Decimal	13549020
CIE _{Lab}	79.00, 11.71, -13.30
CIE _{LCh}	79, 17.720, 311.351
Yxy	54.9284, 0.3033, 0.2932
Android (android.graphics.Color)	4291739100 (0xFFCEBDDC)
YUV	197.6170, 11.0348, 7.3519
Hunter-Lab	74.1137, 7.1375, -8.5950

Details

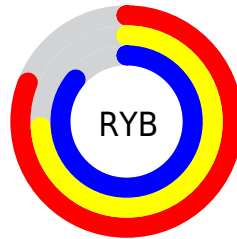
The CIELCh color $79, 17.720, 311.351$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86, 17.414, 130.134$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 6.227, 324.609$, and $59, 17.572, 311.612$ is the 20% darker color. If you saturate the color by 10%, you get $73, 30.689, 311.831$, and if you desaturate by 10%, it is $85, 5.060, 310.883$.

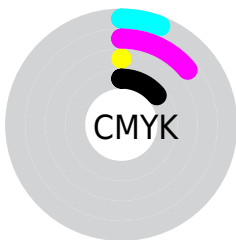
Distribution



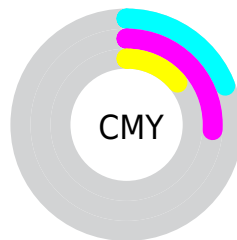
- Red (81%)
- Green (74%)
- Blue (86%)



- Red (81%)
- Yellow (74%)
- Blue (86%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 17.720, 311.351 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, 17.720, 311.351 by changing the saturation by 10% instead.


 79, 17.720,
311.351


 79, 17.720,
311.351


 100, 17.720,
311.351


 69, 17.720,
311.351


 99, 17.720,
311.351

 59, 17.720,
311.351

 49, 17.720,
311.351

 39, 17.720,
311.351

 29, 17.720,
311.351

 19, 17.720,
311.351

 9, 17.720, 311.351

0, 17.720, 311.351

79, 17.720,
311.351

79, 17.720,
311.351

73, 30.689,
311.831

85, 5.060, 310.883

92, 7.243, 130.524

67, 43.885,
312.330

98, 18.872,
129.921

61, 57.142,
312.826

99, 17.830,
119.218

55, 70.178,
313.283

99, 17.498,
108.854

49, 82.541,
313.647

45, 93.572,
313.841

■ 41, 102.442,
313.766

■ 38, 108.374,
313.321

■ 36, 110.736,
312.924

Harmonies

Complementary

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



79, 17.720, 311.351



86, 17.414, 130.134

Rectangle

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



79, 17.720, 311.351



79, 17.720, 1.351



79, 17.720, 131.351



79, 17.720, 181.351

Sweetspot

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



79, 17.718, 311.350



97, 5.599, 310.882



81, 9.996, 260.921



51, 3.982, 310.919



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, 17.718, 311.350



88, 24.193, 311.495



80, 19.510, 326.112



43, 7.077, 311.134



28, 92.443, 313.106



4, 31.617, 311.351

Inverse Universe

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



80, 13.675, 347.572



89, 18.668, 347.881



85, 19.486, 144.485



43, 5.462, 347.118



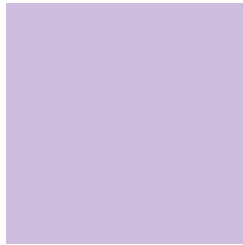
37, 63.225, 6.407



6, 24.639, 357.858

Previews

White Background



This preview shows how the CIELCh color 79, 17.720, 311.351 looks on a white background.

Color Contrast Check

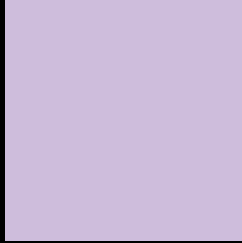
Large Text (above 18pt) WCAG AA × Fail

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 79, 17.720, 311.351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

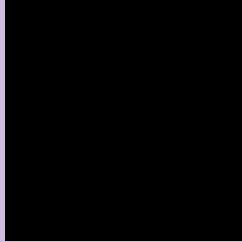
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 17.720, 311.351

Background



This preview shows how black text looks on a background with the CIELCh color 79, 17.720, 311.351.



This preview shows how white text looks on a background with the CIELCh color 79, 17.720, 311.351.

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, 17.720, 311.351

Protanopia

79, 15.516, 287.763

Deuteranopia

79, 16.140, 306.665



Tritanopia
79, 9.165, 319.106

Trichromacy



Original Color
79, 17.720, 311.351

Protanomaly
79, 16.179, 297.766

Deuteranomaly
79, 16.864, 308.536

Tritanomaly
79, 12.358, 315.066

Monochromacy



Original Color
79, 17.720, 311.351

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 6.290, 310.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 17.720, 311.351 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(206, 189, 220)` looks like.

```
.text, #text, p{  
    color:rgb(206, 189, 220)  
}
```

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(206, 189, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 189, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 17.720, 311.351 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(206, 189, 220) }
```

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

```
.border{ border-color:rgb(206, 189, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 189, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 189, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 189, 220);  
box-shadow:4px 4px 4px 4px rgb(206, 189,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 17.720, 311.351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 189, 220) }
```

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

```
.background{ background-color: rgb(206,  
189, 220) }
```

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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