

Converting Colors

CIELCh(79, 4.645, 309.712)

Have a look what the booklet for
CIELCh(79, 4.645, 309.712) contains.

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Color

CIELCh(79, 4.540, 309.214)

Conversions

Conversions Part 1

Format	Color
Hex	C6C2CA
RGB	198, 194, 202
RGB Percent	78%, 76%, 79%
CMY	0.2231, 0.2387, 0.2074
CMYK	0.02, 0.04, 0.00, 0.21
HSL	270°, 7%, 78%
HSV	270°, 4%, 79%
XYZ	53.3134, 54.9284, 63.7442
YIQ	196.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

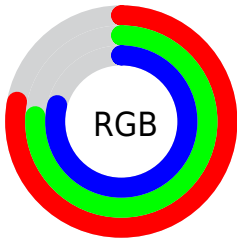
Format	Color
R _Y B	198, 194, 202
Decimal	13025994
CIE Lab	79.00, 2.87, -3.52
CIE LCh	79, 4.540, 309.214
Yxy	54.9284, 0.3100, 0.3194
Android (android.graphics.Color)	4291216074 (0xFFC6C2CA)
YUV	196.1080, 2.9048, 1.6593
Hunter-Lab	74.1137, -1.2958, 0.8850

Details

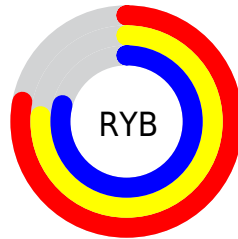
The CIELCh color $79, 4.540, 309.214$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 4.497, 128.917$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.114, 324.451$, and $59, 4.815, 309.280$ is the 20% darker color. If you saturate the color by 10%, you get $73, 16.220, 309.689$, and if you desaturate by 10%, it is $85, 6.799, 128.831$.

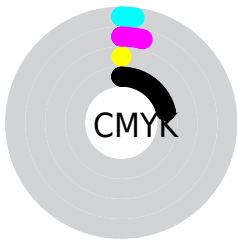
Distribution



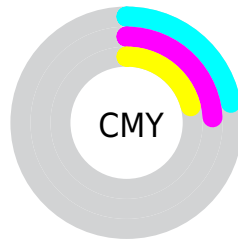
- Red (78%)
- Green (76%)
- Blue (79%)



- Red (78%)
- Yellow (76%)
- Blue (79%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (21%)



- Cyan (22%)
- Magenta (24%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 4.540, 309.214 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, 4.540, 309.214 by changing the saturation by 10% instead.

■ 79, 4.540, 309.214

■ 79, 4.540, 309.214

■ 100, 4.540,
309.214

■ 69, 4.540, 309.214

■ 99, 4.540, 309.214

■ 59, 4.540, 309.214

■ 49, 4.540, 309.214

■ 39, 4.540, 309.214

■ 29, 4.540, 309.214

■ 19, 4.540, 309.214

■ 9, 4.540, 309.214

■ 0, 4.540, 309.214

■ 79, 4.540, 309.214

■ 79, 4.540, 309.214

73, 16.220,
309.689

85, 6.799, 128.831

67, 28.217,
310.196

91, 17.786,
128.445

61, 40.465,
310.730

97, 28.427,
128.111

55, 52.833,
311.274

98, 27.443,
121.021

50, 65.085,
311.793

98, 26.801,
113.227

45, 76.832,
312.233

99, 26.674,
108.153

40, 87.473,
312.515

36, 96.212,
312.532

33, 102.238,

Harmonies

Complementary

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



79, 4.540, 309.214



81, 4.497, 128.917

Rectangle

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



79, 4.540, 309.214



79, 4.540, 359.214



79, 4.540, 129.214



79, 4.540, 179.214

Sweetspot

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



79, 4.538, 309.207



99, 1.387, 309.003



80, 2.529, 254.224



53, 0.789, 308.995



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, 4.538, 309.207



96, 6.932, 309.262



79, 5.176, 324.161



41, 3.940, 309.290



25, 90.314, 311.984



3, 24.541, 306.635

Inverse Universe

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



79, 3.655, 343.850



97, 5.584, 343.966



81, 5.158, 143.832



41, 3.173, 344.023



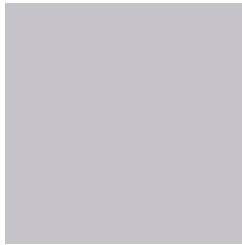
35, 61.430, 1.599



4, 19.922, 353.517

Previews

White Background



This preview shows how the CIELCh color 79, 4.540, 309.214 looks on a white background.

Color Contrast Check

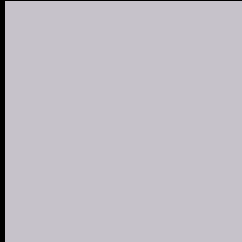
Large Text (above 18pt) WCAG AA × Fail

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, 4.540, 309.214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

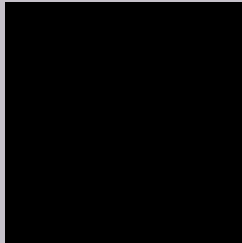
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 4.540, 309.214

Background



This preview shows how black text looks on a background with the CIELCh color 79, 4.540, 309.214.

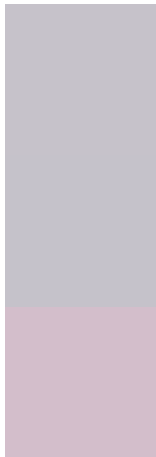


This preview shows how white text looks on a background with the CIELCh color 79, 4.540, 309.214.

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, 4.540, 309.214

Protanopia

79, 4.433, 304.771

Deuteranopia

79, 10.406, 338.457



Tritanopia
79, 8.339, 305.850

Trichromacy



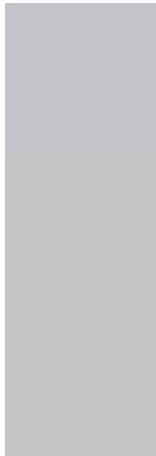
Original Color
79, 4.540, 309.214

Protanomaly
79, 4.433, 304.771

Deuteranomaly
79, 8.477, 330.941

Tritanomaly
79, 7.313, 307.988

Monochromacy



Original Color
79, 4.540, 309.214

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 1.777, 314.636

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 4.540, 309.214 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(198, 194, 202)` looks like.

```
.text, #text, p{  
    color:rgb(198, 194, 202)  
}
```

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(198, 194, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 194, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 4.540, 309.214 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(198, 194, 202) }
```

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

```
.border{ border-color:rgb(198, 194, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 194, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 194, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 194, 202);  
box-shadow:4px 4px 4px 4px rgb(198, 194,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 4.540, 309.214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 194, 202) }
```

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

```
.background{ background-color: rgb(198,  
194, 202) }
```

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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