

Converting Colors

CIELCh(79, 6.296, 310.846)

Have a look what the booklet for
CIELCh(79, 6.296, 310.846) contains.

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Color

CIELCh(79, 6.302, 310.847)

Conversions

Conversions Part 1

Format	Color
Hex	C7C1CC
RGB	199, 193, 204
RGB Percent	78%, 76%, 80%
CMY	0.2178, 0.2413, 0.1982
CMYK	0.02, 0.05, 0.00, 0.20
HSL	273°, 10%, 78%
HSV	273°, 5%, 80%
XYZ	53.8002, 54.9284, 65.1833
YIQ	196.0480, 0.0450, 4.6930

Conversions

Conversions Part 2

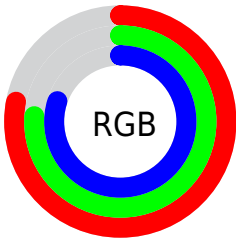
Format	Color
R _Y B	199, 193, 204
Decimal	13091276
CIE Lab	79.00, 4.12, -4.77
CIE LCh	79, 6.302, 310.847
Yxy	54.9284, 0.3094, 0.3158
Android (android.graphics.Color)	4291281356 (0xFFC7C1CC)
YUV	196.0480, 3.9203, 2.5889
Hunter-Lab	74.1137, -0.1231, -0.2662

Details

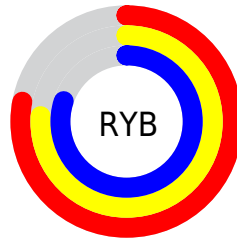
The CIELCh color $79, 6.302, 310.847$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 6.244, 130.432$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.736, 324.489$, and $59, 6.014, 309.339$ is the 20% darker color. If you saturate the color by 10%, you get $73, 18.242, 311.306$, and if you desaturate by 10%, it is $85, 5.312, 130.477$.

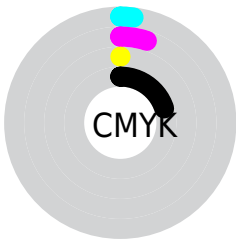
Distribution



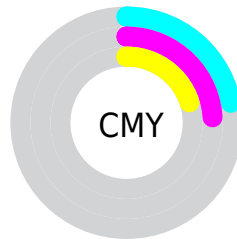
- Red (78%)
- Green (76%)
- Blue (80%)



- Red (78%)
- Yellow (76%)
- Blue (80%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 6.302, 310.847 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, 6.302, 310.847 by changing the saturation by 10% instead.

■ 79, 6.302, 310.847

■ 79, 6.302, 310.847

■ 100, 6.302,
310.847

■ 69, 6.302, 310.847

■ 99, 6.302, 310.847

■ 59, 6.302, 310.847

■ 49, 6.302, 310.847

■ 39, 6.302, 310.847

■ 29, 6.302, 310.847

■ 19, 6.302, 310.847

■ 9, 6.302, 310.847

■ 0, 6.302, 310.847

■ 79, 6.302, 310.847

■ 79, 6.302, 310.847

73, 18.242,
311.306

85, 5.312, 130.477

67, 30.472,
311.789

91, 16.578,
130.088

61, 42.901,
312.289

97, 27.497,
129.752

56, 55.367,
312.783

98, 26.486,
123.105

50, 67.594,
313.235

98, 25.762,
115.776

45, 79.141,
313.589

99, 25.504,
108.242

41, 89.375,
313.764

37, 97.510,
313.662

35, 102.843,

Harmonies

Complementary

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



79, 6.302, 310.847



81, 6.244, 130.432

Rectangle

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



79, 6.302, 310.847



79, 6.302, 0.847



79, 6.302, 130.847



79, 6.302, 180.847

Sweetspot

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



79, 6.300, 310.843



99, 2.795, 310.664



80, 3.606, 259.724



53, 1.589, 310.657



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, 6.300, 310.843



96, 8.411, 310.875



79, 6.987, 325.601



41, 4.647, 310.898



27, 89.439, 313.069



3, 24.778, 308.381

Inverse Universe

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



79, 4.873, 346.539



96, 6.507, 346.610



81, 6.969, 145.073



41, 3.595, 346.660



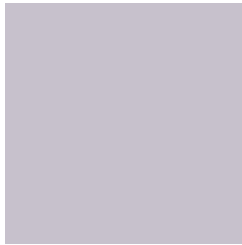
35, 61.157, 5.933



4, 19.502, 356.316

Previews

White Background



This preview shows how the CIELCh color 79, 6.302, 310.847 looks on a white background.

Color Contrast Check

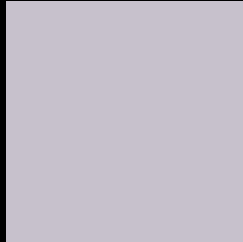
Large Text (above 18pt) WCAG AA × Fail

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, 6.302, 310.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

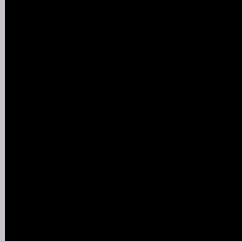
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 6.302, 310.847

Background



This preview shows how black text looks on a background with the CIELCh color 79, 6.302, 310.847.

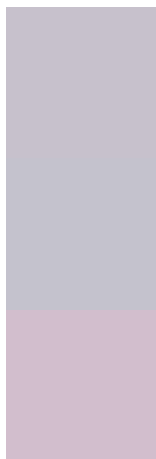


This preview shows how white text looks on a background with the CIELCh color 79, 6.302, 310.847.

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, 6.302, 310.847

Protanopia

79, 5.940, 297.674

Deuteranopia

79, 10.885, 332.927



Tritanopia
79, 8.442, 308.212

Trichromacy



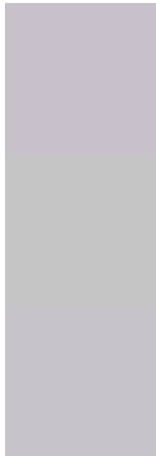
Original Color
79, 6.302, 310.847

Protanomaly
79, 5.999, 301.090

Deuteranomaly
79, 9.308, 326.665

Tritanomaly
79, 7.935, 309.351

Monochromacy



Original Color
79, 6.302, 310.847

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 2.272, 309.103

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 6.302, 310.847 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(199, 193, 204)` looks like.

```
.text, #text, p{  
    color:rgb(199, 193, 204)  
}
```

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(199, 193, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 193, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 6.302, 310.847 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(199, 193, 204) }
```

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

```
.border{ border-color:rgb(199, 193, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 193, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 193, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 193, 204);  
box-shadow:4px 4px 4px 4px rgb(199, 193,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 6.302, 310.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 193, 204) }
```

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

```
.background{ background-color: rgb(199,  
193, 204) }
```

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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