

Converting Colors

CIELCh(79, 5.201, 299.089)

Have a look what the booklet for
CIELCh(79, 5.201, 299.089) contains.

CIELCh(79, 5.474, 302.074)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 5.474, 302.074)

Conversions

Conversions Part 1

Format	Color
Hex	C5C2CC
RGB	197, 194, 204
RGB Percent	77%, 76%, 80%
CMY	0.2267, 0.2385, 0.1993
CMYK	0.03, 0.05, 0.00, 0.20
HSL	258°, 9%, 78%
HSV	258°, 5%, 80%
XYZ	53.3275, 54.9284, 65.0340
YIQ	196.0370, -1.4220, 3.7460

Conversions

Conversions Part 2

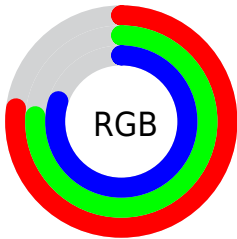
Format	Color
R _Y B	197, 194, 204
Decimal	12960460
CIE Lab	79.00, 2.91, -4.64
CIE LCh	79, 5.474, 302.074
Yxy	54.9284, 0.3077, 0.3170
Android (android.graphics.Color)	4291150540 (0xFFC5C2CC)
YUV	196.0370, 3.9258, 0.8446
Hunter-Lab	74.1137, -1.2617, -0.1468

Details

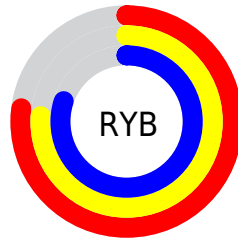
The CIELCh color $79, 5.474, 302.074$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 5.406, 121.527$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 2.929, 318.813$, and $59, 5.809, 302.173$ is the 20% darker color. If you saturate the color by 10%, you get $73, 16.929, 302.707$, and if you desaturate by 10%, it is $85, 5.582, 121.529$.

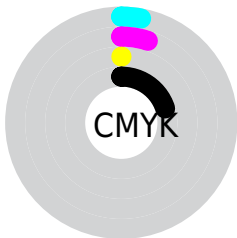
Distribution



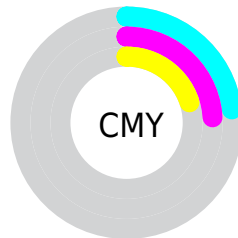
- Red (77%)
- Green (76%)
- Blue (80%)



- Red (77%)
- Yellow (76%)
- Blue (80%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (23%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 5.474, 302.074 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, 5.474, 302.074 by changing the saturation by 10% instead.

■ 79, 5.474, 302.074

■ 79, 5.474, 302.074

■ 100, 5.474,
302.074

■ 69, 5.474, 302.074

■ 99, 5.474, 302.074

■ 59, 5.474, 302.074

■ 49, 5.474, 302.074

■ 39, 5.474, 302.074

■ 29, 5.474, 302.074

■ 19, 5.474, 302.074

■ 9, 5.474, 302.074

■ 0, 5.474, 302.074

■ 79, 5.474, 302.074

■ 79, 5.474, 302.074

73, 16.929,
302.707

85, 5.582, 121.529

66, 28.792,
303.428

92, 16.249,
121.041

60, 41.042,
304.234

98, 26.303,
120.391

54, 53.611,
305.114

99, 25.645,
108.757

48, 66.333,
306.039

99, 25.643,
108.232

42, 78.866,
306.951

37, 90.580,
307.745

32, 100.473,
308.265

29, 107.341,

Harmonies

Complementary

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



79, 5.474, 302.074



82, 5.406, 121.527

Rectangle

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



79, 5.474, 302.074



79, 5.474, 352.074



79, 5.474, 122.074



79, 5.474, 172.074

Sweetspot

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



79, 5.472, 302.066



99, 1.338, 301.807



81, 2.966, 229.981



53, 0.761, 301.802



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, 5.472, 302.066



95, 8.045, 302.138



79, 6.083, 318.488



41, 4.445, 302.169



22, 93.975, 308.397



2, 23.888, 300.155

Inverse Universe

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



79, 5.260, 334.542



96, 7.726, 334.635



81, 6.051, 138.130



41, 4.268, 334.673



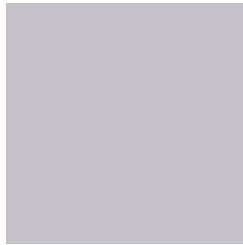
37, 66.976, 344.691



4, 22.738, 340.750

Previews

White Background



This preview shows how the CIELCh color 79, 5.474, 302.074 looks on a white background.

Color Contrast Check

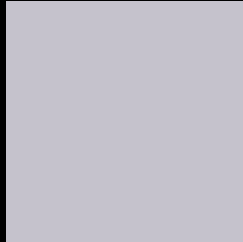
Large Text (above 18pt) WCAG AA × Fail

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, 5.474, 302.074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

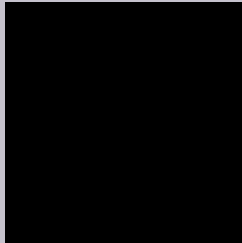
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

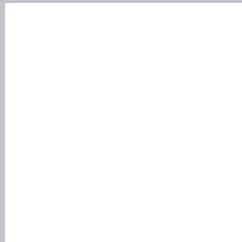
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 5.474, 302.074

Background



This preview shows how black text looks on a background with the CIELCh color 79, 5.474, 302.074.

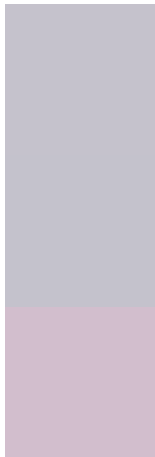


This preview shows how white text looks on a background with the CIELCh color 79, 5.474, 302.074.

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, 5.474, 302.074

Protanopia

79, 5.410, 298.328

Deuteranopia

79, 10.885, 332.927



Tritanopia
79, 8.772, 302.703

Trichromacy



Original Color
79, 5.474, 302.074

Protanomaly
79, 5.410, 298.328

Deuteranomaly
79, 8.446, 324.757

Tritanomaly
79, 7.730, 304.280

Monochromacy



Original Color
79, 5.474, 302.074

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 2.180, 300.019

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 5.474, 302.074 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(197, 194, 204)` looks like.

```
.text, #text, p{  
    color:rgb(197, 194, 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(197, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 194, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 5.474, 302.074 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(197, 194, 204) }
```

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

```
.border{ border-color:rgb(197, 194, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 194, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 194, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 194, 204);  
box-shadow:4px 4px 4px 4px rgb(197, 194,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 5.474, 302.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 194, 204) }
```

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

```
.background{ background-color: rgb(197,  
194, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor