

Converting Colors

CIELCh(79, 4.813, 290.625)

Have a look what the booklet for
CIELCh(79, 4.813, 290.625) contains.

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Color

CIELCh(79, 4.813, 290.625)

Conversions

Conversions Part 1

Format	Color
Hex	C3C3CC
RGB	195, 195, 204
RGB Percent	76%, 76%, 80%
CMY	0.2357, 0.2357, 0.2004
CMYK	0.04, 0.04, 0.00, 0.20
HSL	240°, 8%, 78%
HSV	240°, 4%, 80%
XYZ	52.8589, 54.9284, 64.8790
YIQ	196.0260, -2.8890, 2.7990

Conversions

Conversions Part 2

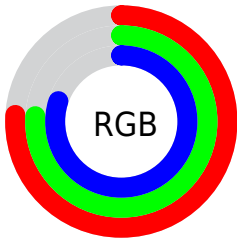
Format	Color
R _Y B	195, 195, 204
Decimal	12829644
CIE Lab	79.00, 1.70, -4.50
CIE LCh	79, 4.813, 290.625
Yxy	54.9284, 0.3061, 0.3181
Android (android.graphics.Color)	4291019724 (0xFFC3C3CC)
YUV	196.0260, 3.9312, -0.8998
Hunter-Lab	74.1137, -2.3902, -0.0228

Details

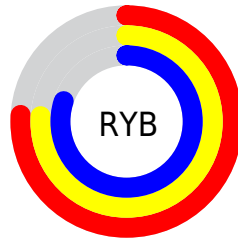
The CIELCh color $79, 4.813, 290.625$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 4.748, 109.730$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 1.537, 290.342$, and $59, 5.107, 290.772$ is the 20% darker color. If you saturate the color by 10%, you get $72, 16.010, 291.711$, and if you desaturate by 10%, it is $86, 5.950, 109.646$.

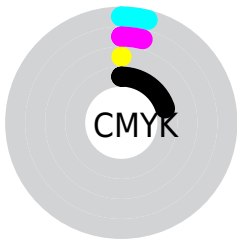
Distribution



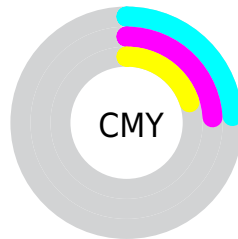
- Red (76%)
- Green (76%)
- Blue (80%)



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



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 4.813, 290.625 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, 4.813, 290.625 by changing the saturation by 10% instead.

■ 79, 4.813, 290.625

■ 79, 4.813, 290.625

■ 100, 4.813,
290.625

■ 69, 4.813, 290.625

■ 99, 4.813, 290.625

■ 59, 4.813, 290.625

■ 49, 4.813, 290.625

■ 39, 4.813, 290.625

■ 29, 4.813, 290.625

■ 19, 4.813, 290.625

■ 9, 4.813, 290.625

■ 0, 4.813, 290.625

■ 79, 4.813, 290.625

■ 79, 4.813, 290.625

72, 16.010,
291.711

86, 5.950, 109.646

65, 27.682,
293.018

93, 16.308,
108.854

58, 39.860,
294.555

99, 25.786,
108.221

52, 52.556,
296.339

45, 65.711,
298.362

39, 79.072,
300.552

33, 91.965,
302.733

29, 103.024,
304.611

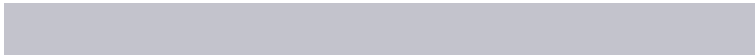
26, 110.381,

305.843

Harmonies

Complementary

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



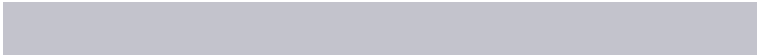
79, 4.813, 290.625



82, 4.748, 109.730

Rectangle

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



79, 4.813, 290.625



79, 4.813, 340.625



79, 4.813, 110.625



79, 4.813, 160.625

Sweetspot

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



79, 4.811, 290.611



99, 1.307, 290.320



81, 3.245, 197.927



53, 0.744, 290.318



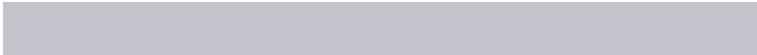
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 4.811, 290.611



96, 6.542, 290.677



79, 5.082, 308.657



41, 3.719, 290.735



19, 96.912, 306.282



1, 23.528, 292.437

Inverse Universe

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



79, 3.333, 19.474



97, 4.539, 19.537



81, 5.035, 128.313



41, 2.583, 19.589



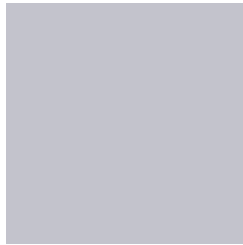
34, 75.539, 39.809



4, 17.910, 19.387

Previews

White Background



This preview shows how the CIELCh color 79, 4.813, 290.625 looks on a white background.

Color Contrast Check

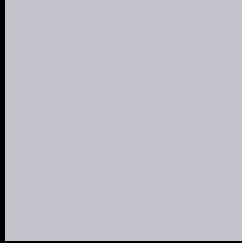
Large Text (above 18pt) WCAG AA × Fail

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, 4.813, 290.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

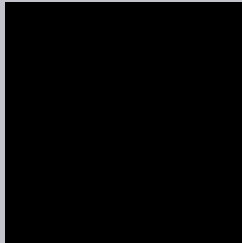
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

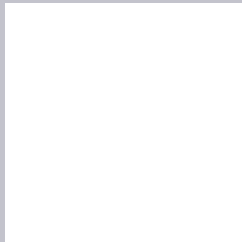
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 4.813, 290.625

Background



This preview shows how black text looks on a background with the CIELCh color 79, 4.813, 290.625.

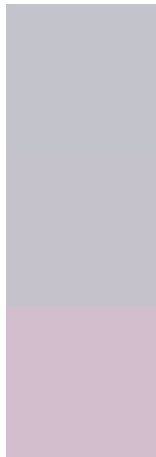


This preview shows how white text looks on a background with the CIELCh color 79, 4.813, 290.625.

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, 4.813, 290.625

Protanopia

79, 5.474, 302.074

Deuteranopia

79, 10.885, 332.927



Tritanopia
79, 8.065, 295.980

Trichromacy



Original Color
79, 4.813, 290.625

Protanomaly
79, 5.410, 298.328

Deuteranomaly
79, 8.446, 324.757

Tritanomaly
79, 7.002, 296.684

Monochromacy



Original Color
79, 4.813, 290.625

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 1.609, 290.362

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 4.813, 290.625 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(195, 195, 204)` looks like.

```
.text, #text, p{  
    color:rgb(195, 195, 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(195, 195, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 195, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 4.813, 290.625 is called "border". The border property can be set on classes, ids or directly on the HTML element.

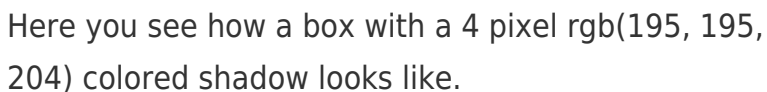
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 195, 204) }
```

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

```
.border{ border-color:rgb(195, 195, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 195, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 195, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 195, 204); box-shadow:4px 4px 4px 4px rgb(195, 195, 204) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 4.813, 290.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 195, 204) }
```

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

```
.background{ background-color: rgb(195,  
195, 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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