

Converting Colors

CIELCh(79, 4.271, 322.393)

Have a look what the booklet for
CIELCh(79, 4.271, 322.393) contains.

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Color

CIELCh(79, 3.910, 324.539)

Conversions

Conversions Part 1

Format	Color
Hex	C8C2C8
RGB	200, 194, 200
RGB Percent	78%, 76%, 78%
CMY	0.2163, 0.2398, 0.2163
CMYK	0.00, 0.03, 0.00, 0.22
HSL	300°, 5%, 77%
HSV	300°, 3%, 78%
XYZ	53.4354, 54.9284, 62.3271
YIQ	196.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

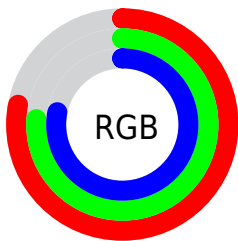
Format	Color
R_{YB}	200, 194, 200
Decimal	13157064
CIE Lab	79.00, 3.18, -2.27
CIE LCh	79, 3.910, 324.539
Yxy	54.9284, 0.3131, 0.3218
Android (android.graphics.Color)	4291347144 (0xFFC8C2C8)
YUV	196.4780, 1.7363, 3.0888
Hunter-Lab	74.1137, -1.0018, 2.0187

Details

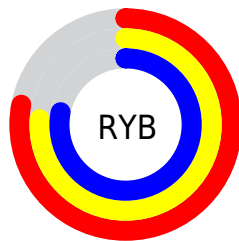
The CIELCh color **79, 3.910, 324.539** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 3.891, 144.341**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 324.451**, and **59, 4.146, 324.611** is the 20% darker color. If you saturate the color by 10%, you get **74, 17.020, 325.135**, and if you desaturate by 10%, it is **84, 8.999, 144.095**.

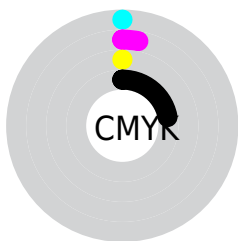
Distribution



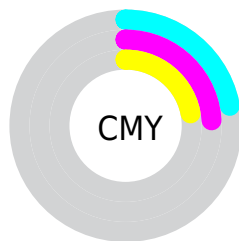
- Red (78%)
- Green (76%)
- Blue (78%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 3.910, 324.539 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, 3.910, 324.539 by changing the saturation by 10% instead.

■ 79, 3.910, 324.539

■ 79, 3.910, 324.539

■ 100, 3.910,
324.539

■ 69, 3.910, 324.539

■ 99, 3.910, 324.539

■ 59, 3.910, 324.539

■ 49, 3.910, 324.539

■ 39, 3.910, 324.539

■ 29, 3.910, 324.539

■ 19, 3.910, 324.539

■ 9, 3.910, 324.539

■ 0, 3.910, 324.539

■ 79, 3.910, 324.539

■ 79, 3.910, 324.539

74, 17.020,
325.135

84, 8.999, 144.095

69, 30.181,
325.684

89, 21.603,
143.556

65, 43.159,
326.213

95, 33.850,
143.049

60, 55.626,
326.710

95, 34.580,
143.019

56, 67.162,
327.159

95, 34.580,
143.019

53, 77.275,
327.542

95, 34.580,
143.019

51, 85.472,
327.845

95, 34.580,
143.019

49, 91.369,
328.060

95, 34.580,
143.019

48, 94.834,

95, 34.579,
143.018

Harmonies

Complementary

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



79, 3.910, 324.539



80, 3.891, 144.341

Rectangle

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



79, 3.910, 324.539



79, 3.910, 14.539



79, 3.910, 144.539



79, 3.910, 194.539

Sweetspot

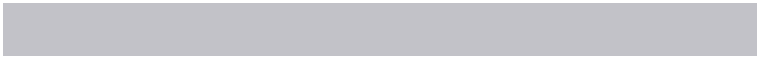
The Sweet Spot groups the original color and five complimentary colors.



79, 3.908, 324.539



99, 1.592, 324.302



79, 3.159, 289.827



53, 0.905, 324.290



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, 3.908, 324.539



97, 6.352, 324.613



79, 2.775, 342.860



41, 3.681, 324.654



39, 82.760, 328.232



4, 26.742, 327.025

Inverse Universe

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



79, 2.217, 19.334



97, 3.617, 19.464



80, 2.753, 162.670



41, 2.101, 19.529



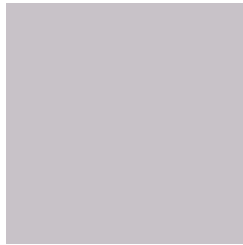
34, 74.643, 39.775



3, 15.885, 19.404

Previews

White Background



This preview shows how the CIE LCh color 79, 3.910, 324.539 looks on a white background.

Color Contrast Check

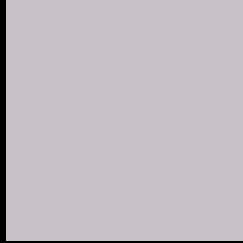
Large Text (above 18pt) WCAG AA × Fail

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, 3.910, 324.539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

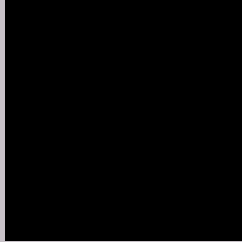
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

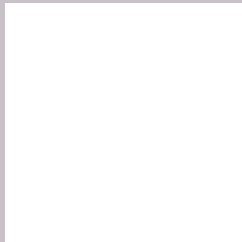
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 3.910, 324.539

Background



This preview shows how black text looks on a background with the CIELCh color 79, 3.910, 324.539.

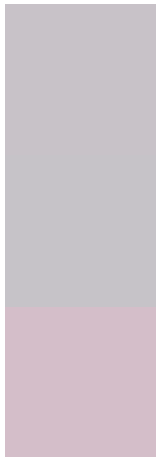


This preview shows how white text looks on a background with the CIELCh color 79, 3.910, 324.539.

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, 3.910, 324.539

Protanopia

79, 2.905, 312.534

Deuteranopia

79, 10.038, 344.480



Tritanopia
79, 8.559, 310.519

Trichromacy



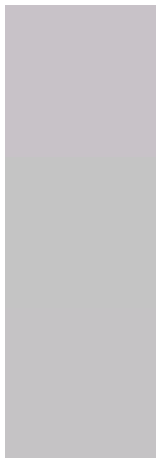
Original Color
79, 3.910, 324.539

Protanomaly
79, 3.065, 318.853

Deuteranomaly
79, 8.251, 339.761

Tritanomaly
79, 7.075, 314.885

Monochromacy



Original Color
79, 3.910, 324.539

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 1.310, 324.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 3.910, 324.539 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(200, 194, 200)` looks like.

```
.text, #text, p{  
    color:rgb(200, 194, 200)  
}
```

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(200, 194, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 194, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 3.910, 324.539 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(200, 194, 200) }
```

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

```
.border{ border-color:rgb(200, 194, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 194, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 194, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 194, 200);  
box-shadow:4px 4px 4px 4px rgb(200, 194,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 3.910, 324.539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 194, 200) }
```

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

```
.background{ background-color: rgb(200,  
194, 200) }
```

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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