

Converting Colors

CIELCh(79, 2.508, 122.153)

Have a look what the booklet for
CIELCh(79, 2.508, 122.153) contains.

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Color

CIELCh(79, 2.159, 119.799)

Conversions

Conversions Part 1

Format	Color
Hex	C3C4C0
RGB	195, 196, 192
RGB Percent	76%, 77%, 75%
CMY	0.2350, 0.2311, 0.2468
CMYK	0.01, 0.00, 0.02, 0.23
HSL	75°, 3%, 76%
HSV	75°, 2%, 77%
XYZ	51.7985, 54.9284, 57.7788
YIQ	195.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

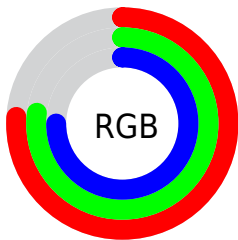
Format	Color
R_{YB}	192, 196, 193
Decimal	12829888
CIE Lab	79.00, -1.07, 1.87
CIE LCh	79, 2.159, 119.799
Yxy	54.9284, 0.3149, 0.3339
Android (android.graphics.Color)	4291019968 (0xFFC3C4C0)
YUV	195.2450, -1.5998, -0.2149
Hunter-Lab	74.1137, -4.9443, 5.6573

Details

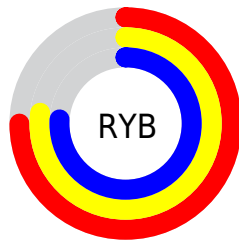
The CIELCh color **79, 2.159, 119.799** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 2.188, 300.046**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.557, 117.866**, and **59, 1.739, 122.966** is the 20% darker color. If you saturate the color by 10%, you get **78, 12.780, 119.194**, and if you desaturate by 10%, it is **80, 8.463, 300.402**.

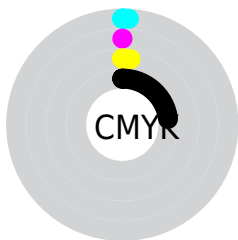
Distribution



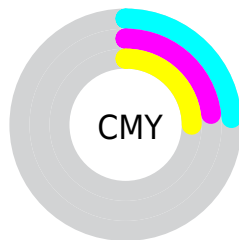
- Red (76%)
- Green (77%)
- Blue (75%)



- Red (75%)
- Yellow (77%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (23%)



- Cyan (24%)
- Magenta (23%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 2.159, 119.799 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, 2.159, 119.799 by changing the saturation by 10% instead.

■ 79, 2.159, 119.799

■ 79, 2.159, 119.799

■ 100, 2.159,
119.799

■ 69, 2.159, 119.799

■ 99, 2.159, 119.799

■ 59, 2.159, 119.799

■ 49, 2.159, 119.799

■ 39, 2.159, 119.799

■ 29, 2.159, 119.799

■ 19, 2.159, 119.799

■ 9, 2.159, 119.799

■ 0, 2.159, 119.799

■ 79, 2.159, 119.799

■ 79, 2.159, 119.799

78, 12.780,
119.194

80, 8.463, 300.402

77, 23.337,
118.561

81, 19.050,
300.969

77, 33.745,
117.932

82, 29.571,
301.500

76, 43.880,
117.333

82, 31.986,
303.898

75, 53.552,
116.802

83, 32.333,
306.775

75, 62.481,
116.397

83, 32.755,
309.615

74, 70.276,
116.198

84, 33.253,
312.403

74, 76.462,
116.304

84, 33.824,
315.130

74, 80.624,

85, 34.466,
317.785

116.811

Harmonies

Complementary

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



79, 2.159, 119.799



78, 2.188, 300.046

Rectangle

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



79, 2.159, 119.799



79, 2.159, 169.799



79, 2.159, 299.799



79, 2.159, 349.799

Sweetspot

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



79, 2.161, 119.825



100, 1.304, 119.901



78, 1.223, 44.904



53, 0.741, 119.906



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, 2.161, 119.825



100, 2.620, 119.825



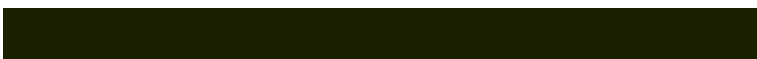
79, 2.409, 137.289



41, 1.188, 119.836



61, 71.271, 117.272



11, 19.392, 121.295

Inverse Universe

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



78, 2.188, 300.046



98, 2.653, 300.045



78, 2.429, 317.302



40, 1.204, 300.034



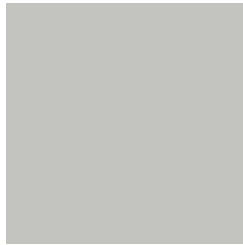
20, 92.542, 307.828



1, 19.669, 297.876

Previews

White Background



This preview shows how the CIE LCh color 79, 2.159, 119.799 looks on a white background.

Color Contrast Check

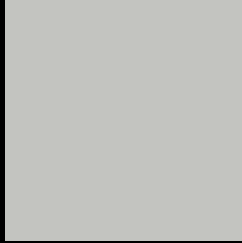
Large Text (above 18pt) WCAG AA × Fail

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, 2.159, 119.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

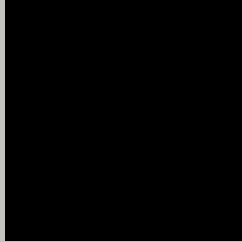
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

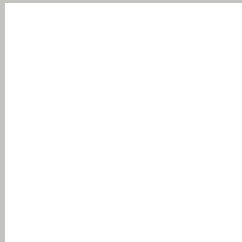
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 2.159, 119.799

Background



This preview shows how black text looks on a background with the CIELCh color 79, 2.159, 119.799.



This preview shows how white text looks on a background with the CIELCh color 79, 2.159, 119.799.

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, 2.159, 119.799

Protanopia

79, 2.809, 68.524

Deuteranopia

79, 9.985, 7.895



Tritanopia
79, 8.168, 300.983

Trichromacy



Original Color
79, 2.159, 119.799

Protanomaly
79, 2.388, 82.169

Deuteranomaly
79, 5.995, 14.711

Tritanomaly
79, 4.350, 300.148

Monochromacy



Original Color
79, 2.159, 119.799

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 0.524, 110.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 2.159, 119.799 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, 196, 192)` looks like.

```
.text, #text, p{  
    color:rgb(195, 196, 192)  
}
```

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, 196, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 196, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 2.159, 119.799 is called "border". The border property can be set on classes, ids or directly on the HTML element.

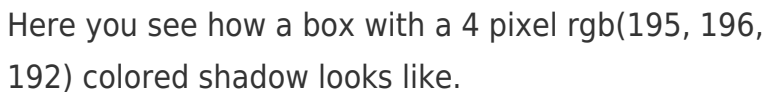
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 196, 192) }
```

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

```
.border{ border-color:rgb(195, 196, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 196, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 196, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 196, 192); box-shadow:4px 4px 4px 4px rgb(195, 196, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 2.159, 119.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 196, 192) }
```

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

```
.background{ background-color: rgb(195,  
196, 192) }
```

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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