

Converting Colors

CIELCh(79, 6.056, 117.612)

Have a look what the booklet for
CIELCh(79, 6.056, 117.612) contains.

CIELCh(79, 5.902, 116.908)	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, 5.902, 116.908)

Conversions

Conversions Part 1

Format	Color
Hex	C3C5BA
RGB	195, 197, 186
RGB Percent	76%, 77%, 73%
CMY	0.2362, 0.2284, 0.2715
CMYK	0.01, 0.00, 0.06, 0.23
HSL	71°, 9%, 75%
HSV	71°, 6%, 77%
XYZ	51.1928, 54.9284, 54.2257
YIQ	195.1480, 2.3390, -3.8450

Conversions

Conversions Part 2

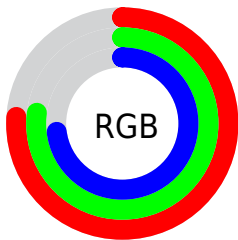
Format	Color
R _Y B	186, 197, 188
Decimal	12830138
CIE Lab	79.00, -2.67, 5.26
CIE LCh	79, 5.902, 116.908
Yxy	54.9284, 0.3193, 0.3426
Android (android.graphics.Color)	4291020218 (0xFFC3C5BA)
YUV	195.1480, -4.5100, -0.1298
Hunter-Lab	74.1137, -6.4030, 8.4997

Details

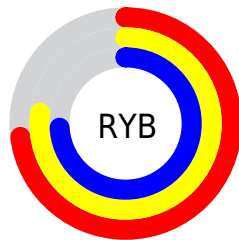
The CIELCh color **79, 5.902, 116.908** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76, 5.988, 297.701**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 6.128, 116.366**, and **59, 5.704, 117.539** is the 20% darker color. If you saturate the color by 10%, you get **78, 16.448, 116.215**, and if you desaturate by 10%, it is **80, 4.675, 297.601**.

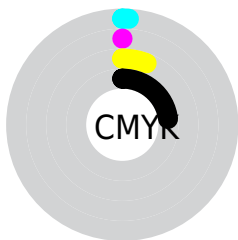
Distribution



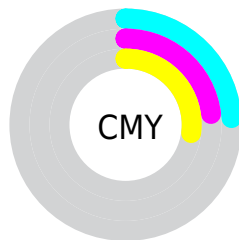
- Red (76%)
- Green (77%)
- Blue (73%)



- Red (73%)
- Yellow (77%)
- Blue (74%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (23%)



- Cyan (24%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 5.902, 116.908 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, 5.902, 116.908 by changing the saturation by 10% instead.

■ 79, 5.902, 116.908

■ 79, 5.902, 116.908

■ 100, 5.902,
116.908

■ 69, 5.902, 116.908

■ 99, 5.902, 116.908

■ 59, 5.902, 116.908

■ 49, 5.902, 116.908

■ 39, 5.902, 116.908

■ 29, 5.902, 116.908

■ 19, 5.902, 116.908

■ 9, 5.902, 116.908

■ 0, 5.902, 116.908

■ 79, 5.902, 116.908

■ 79, 5.902, 116.908

78, 16.448,
116.215

80, 4.675, 297.601

78, 26.893,
115.505

81, 15.242,
298.257

77, 37.141,
114.807

82, 25.766,
298.881

76, 47.047,
114.151

82, 31.270,
300.225

76, 56.389,
113.577

82, 31.446,
302.372

76, 64.844,
113.144

83, 31.663,
304.510

75, 71.977,
112.929

83, 31.922,
306.633

75, 77.302,
113.020

83, 32.221,
308.736

75, 80.493,

84, 32.562,
310.812

Harmonies

Complementary

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



79, 5.902, 116.908



76, 5.988, 297.701

Rectangle

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



79, 5.902, 116.908



79, 5.902, 166.908



79, 5.902, 296.908



79, 5.902, 346.908

Sweetspot

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



79, 5.904, 116.919



100, 2.600, 117.167



77, 3.562, 35.507



53, 1.478, 117.174



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, 5.904, 116.919



99, 9.125, 116.813



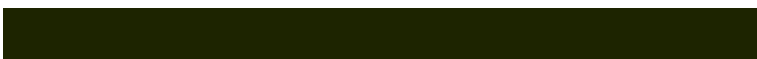
79, 6.489, 134.465



42, 4.834, 116.785



63, 70.903, 113.621



13, 20.705, 116.588

Inverse Universe

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



76, 5.988, 297.701



95, 9.278, 297.815



76, 6.534, 314.872



39, 4.918, 297.846



20, 94.506, 307.173



2, 21.644, 296.536

Previews

White Background



This preview shows how the CIELCh color 79, 5.902, 116.908 looks on a white background.

Color Contrast Check

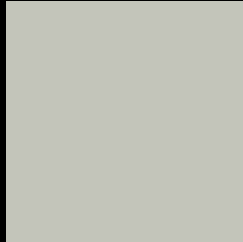
Large Text (above 18pt) WCAG AA × Fail

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, 5.902, 116.908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

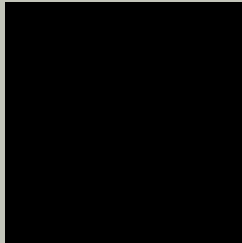
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

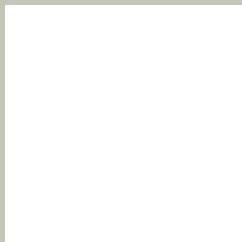
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 5.902, 116.908

Background



This preview shows how black text looks on a background with the CIELCh color 79, 5.902, 116.908.



This preview shows how white text looks on a background with the CIELCh color 79, 5.902, 116.908.

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, 5.902, 116.908

Protanopia

79, 5.921, 83.223

Deuteranopia

79, 10.695, 25.885



Tritanopia
79, 8.772, 302.703

Trichromacy



Original Color
79, 5.902, 116.908

Protanomaly
79, 5.947, 98.706

Deuteranomaly
79, 6.943, 42.277

Tritanomaly
79, 3.918, 306.674

Monochromacy



Original Color
79, 5.902, 116.908

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 2.159, 119.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 5.902, 116.908 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, 197, 186)` looks like.

```
.text, #text, p{  
    color:rgb(195, 197, 186)  
}
```

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, 197, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 197, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 5.902, 116.908 is called "border". The border property can be set on classes, ids or directly on the HTML element.

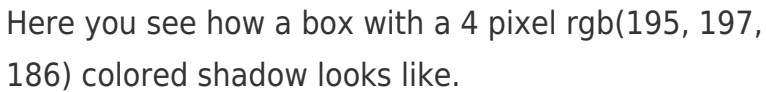
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 197, 186) }
```

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

```
.border{ border-color:rgb(195, 197, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 197, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 197, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 197, 186); box-shadow:4px 4px 4px 4px rgb(195, 197, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 5.902, 116.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 197, 186) }
```

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

```
.background{ background-color: rgb(195,  
197, 186) }
```

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