

Converting Colors

CIELCh(79, 6.028, 183.587)

Have a look what the booklet for
CIELCh(79, 6.028, 183.587) contains.

CIELCh(79, 6.023, 183.591)	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, 6.023, 183.591)

Conversions

Conversions Part 1

Format	Color
Hex	B7C7C4
RGB	183, 199, 196
RGB Percent	72%, 78%, 77%
CMY	0.2822, 0.2194, 0.2312
CMYK	0.08, 0.00, 0.02, 0.22
HSL	169°, 13%, 75%
HSV	169°, 8%, 78%
XYZ	49.9422, 54.9284, 60.2219
YIQ	193.8740, -8.5730, -4.3250

Conversions

Conversions Part 2

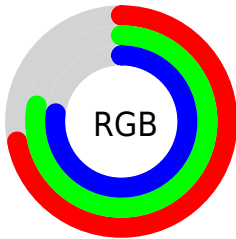
Format	Color
RYB	183, 192, 199
Decimal	12044228
CIELab	79.00, -6.01, -0.38
CIELCh	79, 6.023, 183.591
Yxy	54.9284, 0.3025, 0.3327
Android (android.graphics.Color)	4290234308 (0xFFB7C7C4)
YUV	193.8740, 1.0481, -9.5365
Hunter-Lab	74.1137, -9.4152, 3.7029

Details

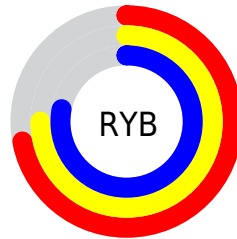
The CIELCh color **79, 6.023, 183.591** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76, 6.226, 4.851**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **99, 5.629, 188.730**, and **59, 6.004, 182.422** is the 20% darker color. If you saturate the color by 10%, you get **78, 13.312, 182.625**, and if you desaturate by 10%, it is **81, 1.489, 4.018**.

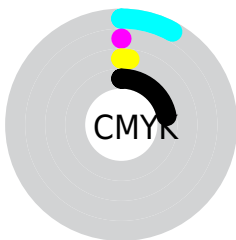
Distribution



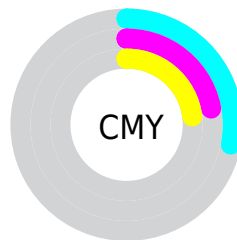
- Red (72%)
- Green (78%)
- Blue (77%)



- Red (72%)
- Yellow (75%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (22%)



- Cyan (28%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 6.023, 183.591 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, 6.023, 183.591 by changing the saturation by 10% instead.

■ 79, 6.023, 183.591

■ 79, 6.023, 183.591

■ 100, 6.023,
183.591

■ 69, 6.023, 183.591

■ 99, 6.023, 183.591

■ 59, 6.023, 183.591

■ 49, 6.023, 183.591

■ 39, 6.023, 183.591

■ 29, 6.023, 183.591

■ 19, 6.023, 183.591

■ 9, 6.023, 183.591

■ 0, 6.023, 183.591

■ 79, 6.023, 183.591

■ 79, 6.023, 183.591

78, 13.312,
182.625

81, 1.489, 4.018

76, 20.263,
181.658

82, 9.134, 5.142

75, 26.753,
180.641

84, 16.830, 5.975

74, 32.657,
179.553

86, 22.214,
359.650

73, 37.856,
178.375

86, 22.881,
355.032

73, 42.259,
177.086

86, 23.697,
350.715

72, 45.810,
175.662

86, 24.646,
346.721

72, 48.517,
174.082

86, 25.713,
343.054

72, 50.493,

Harmonies

Complementary

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



79, 6.023, 183.591



76, 6.226, 4.851

Rectangle

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



79, 6.023, 183.591



79, 6.023, 233.591



79, 6.023, 3.591



79, 6.023, 53.591

Sweetspot

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



79, 6.024, 183.579



100, 1.842, 184.355



79, 9.805, 138.467



53, 1.047, 184.381



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, 6.024, 183.579



98, 9.137, 183.374



78, 4.729, 232.253



41, 4.239, 183.447



60, 43.733, 172.295



12, 15.035, 176.804

Inverse Universe

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



76, 6.226, 4.851



93, 9.522, 5.076



77, 4.933, 50.935



39, 4.404, 4.995



34, 66.762, 29.814



3, 16.149, 9.775

Previews

White Background



This preview shows how the CIELCh color 79, 6.023, 183.591 looks on a white background.

Color Contrast Check

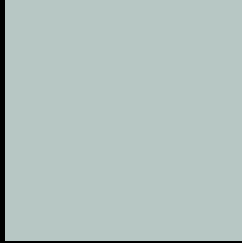
Large Text (above 18pt) WCAG AA × Fail

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, 6.023, 183.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

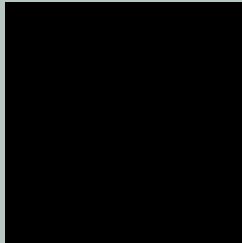
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

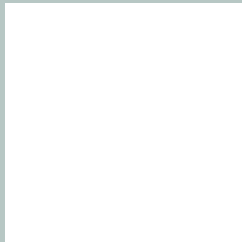
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 6.023, 183.591

Background



This preview shows how black text looks on a background with the CIELCh color 79, 6.023, 183.591.



This preview shows how white text looks on a background with the CIELCh color 79, 6.023, 183.591.

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

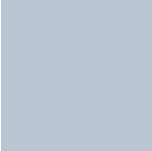
79, 6.023, 183.591

Protanopia

79, 1.918, 35.384

Deuteranopia

79, 10.133, 351.983



Tritanopia
79, 8.809, 264.977

Trichromacy



Original Color
79, 6.023, 183.591

Protanomaly
79, 1.536, 155.784

Deuteranomaly
79, 3.965, 347.030

Tritanomaly
79, 6.215, 242.734

Monochromacy



Original Color
79, 6.023, 183.591

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 2.258, 185.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 6.023, 183.591 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(183, 199, 196)` looks like.

```
.text, #text, p{  
    color:rgb(183, 199, 196)  
}
```

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(183, 199, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 199, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 6.023, 183.591 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(183, 199, 196) }
```

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

```
.border{ border-color:rgb(183, 199, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 199, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 199, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 199, 196);  
box-shadow:4px 4px 4px 4px rgb(183, 199,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 6.023, 183.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 199, 196) }
```

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

```
.background{ background-color: rgb(183,  
199, 196) }
```

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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