

Converting Colors

CIELCh(79, 5.278, 165.176)

Have a look what the booklet for
CIELCh(79, 5.278, 165.176) contains.

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Color

CIELCh(79, 4.851, 165.791)

Conversions

Conversions Part 1

Format	Color
Hex	BBC6C1
RGB	187, 198, 193
RGB Percent	73%, 78%, 76%
CMY	0.2659, 0.2227, 0.2424
CMYK	0.06, 0.00, 0.03, 0.22
HSL	153°, 9%, 76%
HSV	153°, 6%, 78%
XYZ	50.4297, 54.9284, 58.5128
YIQ	194.1410, -4.9510, -3.8870

Conversions

Conversions Part 2

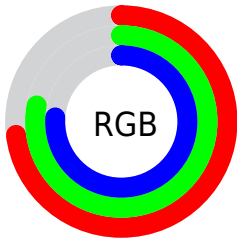
Format	Color
R_{YB}	187, 194, 198
Decimal	12306113
CIE Lab	79.00, -4.70, 1.19
CIE LCh	79, 4.851, 165.791
Yxy	54.9284, 0.3077, 0.3352
Android (android.graphics.Color)	4290496193 (0xFFBBC6C1)
YUV	194.1410, -0.5625, -6.2627
Hunter-Lab	74.1137, -8.2410, 5.0701

Details

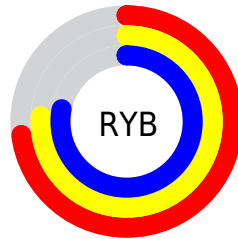
The CIELCh color $79, 4.851, 165.791$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 4.904, 346.552$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 5.208, 163.355$, and $59, 4.508, 168.895$ is the 20% darker color. If you saturate the color by 10%, you get $77, 13.587, 164.820$, and if you desaturate by 10%, it is $81, 3.891, 346.415$.

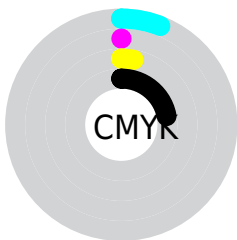
Distribution



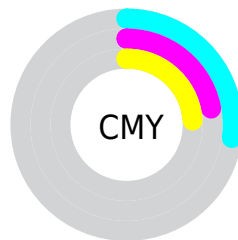
- Red (73%)
- Green (78%)
- Blue (76%)



- Red (73%)
- Yellow (76%)
- Blue (78%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (27%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 4.851, 165.791 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, 4.851, 165.791 by changing the saturation by 10% instead.

■ 79, 4.851, 165.791

■ 79, 4.851, 165.791

■ 100, 4.851,
165.791

■ 69, 4.851, 165.791

■ 99, 4.851, 165.791

■ 59, 4.851, 165.791

■ 49, 4.851, 165.791

■ 39, 4.851, 165.791

■ 29, 4.851, 165.791

■ 19, 4.851, 165.791

■ 9, 4.851, 165.791

■ 0, 4.851, 165.791

■ 79, 4.851, 165.791

■ 79, 4.851, 165.791

77, 13.587,
164.820

81, 3.891, 346.415

76, 22.207,
163.806

83, 12.563,
347.251

75, 30.586,
162.686

85, 21.100,
347.971

74, 38.584,
161.432

86, 26.098,
343.115

73, 46.054,
160.019

86, 29.067,
335.645

72, 52.859,
158.422

86, 32.465,
329.730

71, 58.895,
156.622

86, 35.623,
325.663

71, 64.113,
154.609

71, 68.541,

Harmonies

Complementary

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



79, 4.851, 165.791



77, 4.904, 346.552

Rectangle

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



79, 4.851, 165.791



79, 4.851, 215.791



79, 4.851, 345.791



79, 4.851, 35.791

Sweetspot

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



79, 4.853, 165.782



100, 2.139, 166.232



79, 6.264, 130.010



53, 1.216, 166.253



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, 4.853, 165.782



99, 7.510, 165.628



79, 3.844, 202.178



41, 3.978, 165.589



59, 60.492, 151.773



11, 19.318, 158.035

Inverse Universe

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



77, 4.904, 346.552



95, 7.602, 346.707



77, 3.981, 22.416



40, 4.029, 346.747



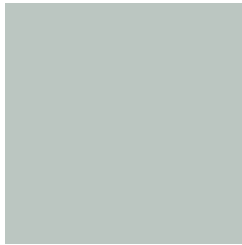
35, 60.463, 5.864



4, 17.450, 355.710

Previews

White Background



This preview shows how the CIE LCh color 79, 4.851, 165.791 looks on a white background.

Color Contrast Check

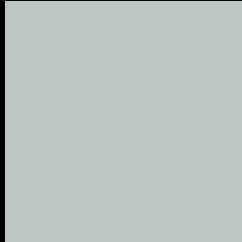
Large Text (above 18pt) WCAG AA × Fail

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, 4.851, 165.791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

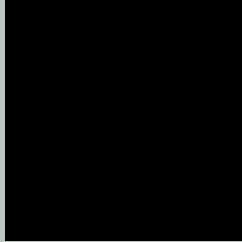
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

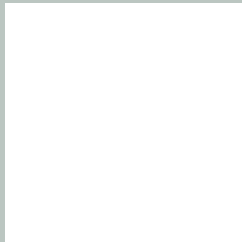
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 4.851, 165.791

Background



This preview shows how black text looks on a background with the CIELCh color 79, 4.851, 165.791.



This preview shows how white text looks on a background with the CIELCh color 79, 4.851, 165.791.

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](#).

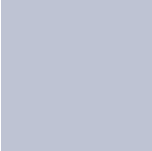
Dichromacy



Original Color
79, 4.851, 165.791

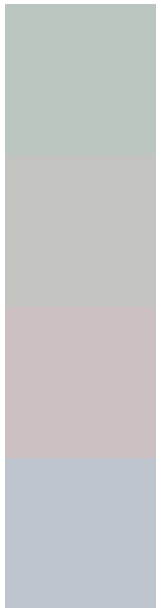
Protanopia
79, 2.809, 68.524

Deuteranopia
79, 9.875, 1.329



Tritanopia
79, 8.699, 279.267

Trichromacy



Original Color
79, 4.851, 165.791

Protanomaly
79, 2.159, 119.799

Deuteranomaly
79, 4.588, 6.233

Tritanomaly
79, 5.378, 262.956

Monochromacy



Original Color
79, 4.851, 165.791

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 1.819, 163.706

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 4.851, 165.791 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(187, 198, 193)` looks like.

```
.text, #text, p{  
    color:rgb(187, 198, 193)  
}
```

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(187, 198, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 198, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 4.851, 165.791 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(187, 198, 193) }
```

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

```
.border{ border-color:rgb(187, 198, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 198, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 198, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 198, 193);  
box-shadow:4px 4px 4px 4px rgb(187, 198,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 4.851, 165.791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 198, 193) }
```

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

```
.background{ background-color: rgb(187,  
198, 193) }
```

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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