

Converting Colors

CIELCh(79, 9.575, 179.170)

Have a look what the booklet for
CIELCh(79, 9.575, 179.170) contains.

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Color

CIELCh(79, 9.583, 179.165)

Conversions

Conversions Part 1

Format	Color
Hex	B0C9C3
RGB	176, 201, 195
RGB Percent	69%, 79%, 76%
CMY	0.3099, 0.2118, 0.2354
CMYK	0.12, 0.00, 0.03, 0.21
HSL	166°, 19%, 74%
HSV	166°, 12%, 79%
XYZ	48.6279, 54.9284, 59.6548
YIQ	192.8410, -12.9740, -7.1660

Conversions

Conversions Part 2

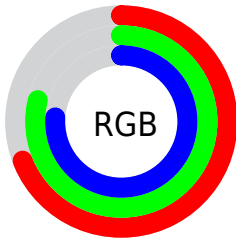
Format	Color
RYB	176, 190, 201
Decimal	11585987
CIELab	79.00, -9.58, 0.14
CIElCh	79, 9.583, 179.165
Yxy	54.9284, 0.2979, 0.3365
Android (android.graphics.Color)	4289776067 (0xFFB0C9C3)
YUV	192.8410, 1.0644, -14.7696
Hunter-Lab	74.1137, -12.5806, 4.1565

Details

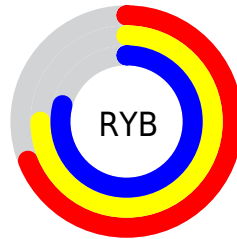
The CIELCh color **79, 9.583, 179.165** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 10.009, 1.400**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 8.070, 188.028**, and **59, 9.759, 178.078** is the 20% darker color. If you saturate the color by 10%, you get **78, 17.042, 178.160**, and if you desaturate by 10%, it is **81, 1.895, 180.289**.

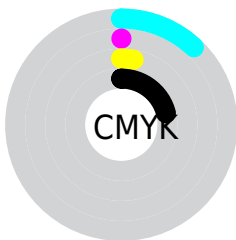
Distribution



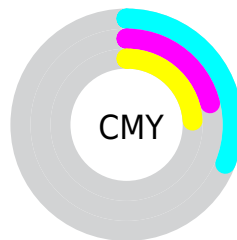
- Red (69%)
- Green (79%)
- Blue (76%)



- Red (69%)
- Yellow (75%)
- Blue (79%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (21%)



- Cyan (31%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 9.583, 179.165 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, 9.583, 179.165 by changing the saturation by 10% instead.

79, 9.583, 179.165

79, 9.583, 179.165

100, 9.583,
179.165

69, 9.583, 179.165

99, 9.583, 179.165

59, 9.583, 179.165

49, 9.583, 179.165

39, 9.583, 179.165

29, 9.583, 179.165

19, 9.583, 179.165

9, 9.583, 179.165

0, 9.583, 179.165

79, 9.583, 179.165

79, 9.583, 179.165

78, 17.042,
178.160

81, 1.895, 180.289

76, 24.148,
177.107

82, 5.925, 0.814

75, 30.776,
175.975

84, 13.790, 1.695

74, 36.796,
174.742

86, 21.946,
355.708

74, 42.091,
173.384

86, 23.005,
349.939

73, 46.578,
171.877

86, 24.290,
344.752

73, 50.219,
170.199

86, 25.764,
340.146

72, 53.047,
168.337

87, 27.398,
336.089

72, 54.799,

166.852

Harmonies

Complementary

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



79, 9.583, 179.165



74, 10.009, 1.400

Rectangle

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



79, 9.583, 179.165



79, 9.583, 229.165



79, 9.583, 359.165



79, 9.583, 49.165

Sweetspot

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



79, 9.584, 179.158



99, 3.768, 180.039



79, 15.097, 136.748



53, 2.676, 179.945



0, 0.000, 0.000



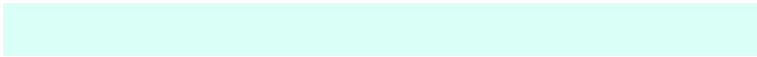
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 9.584, 179.158



97, 13.972, 178.885



77, 7.364, 226.168



41, 4.347, 179.462



60, 46.734, 167.182



11, 15.805, 172.341

Inverse Universe

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



74, 10.009, 1.400



90, 14.736, 1.710



76, 7.932, 44.838



39, 4.492, 1.066



34, 64.613, 25.714



4, 16.302, 7.164

Previews

White Background



This preview shows how the CIELCh color 79, 9.583, 179.165 looks on a white background.

Color Contrast Check

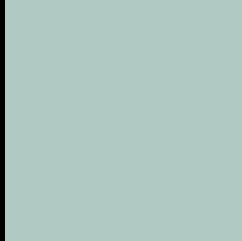
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 79, 9.583, 179.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

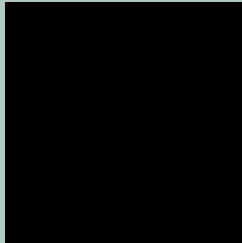
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

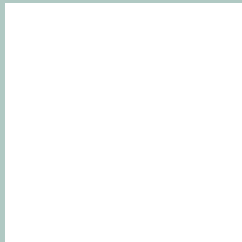
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 9.583, 179.165

Background



This preview shows how black text looks on a background with the CIELCh color 79, 9.583, 179.165.



This preview shows how white text looks on a background with the CIELCh color 79, 9.583, 179.165.

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





Tritanopia
79, 10.633, 252.841

Trichromacy



Original Color
79, 9.583, 179.165

Protanomaly
79, 3.476, 149.293

Deuteranomaly
79, 3.054, 347.849

Tritanomaly
79, 8.415, 229.598

Monochromacy



Original Color
79, 9.583, 179.165

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 3.463, 181.306

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 9.583, 179.165 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(176, 201, 195)` looks like.

```
.text, #text, p{  
    color:rgb(176, 201, 195)  
}
```

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(176, 201, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 201, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 9.583, 179.165 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(176, 201, 195) }
```

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

```
.border{ border-color:rgb(176, 201, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 201, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 201, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 201, 195);  
box-shadow:4px 4px 4px 4px rgb(176, 201,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 9.583, 179.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 201, 195) }
```

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

```
.background{ background-color: rgb(176,  
201, 195) }
```

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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