

Converting Colors

CIELCh(79, 10.320, 190.887)

Have a look what the booklet for
CIELCh(79, 10.320, 190.887)
contains.

CIELCh(79, 10.000, 192.546)	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, 10.000, 192.546)

Conversions

Conversions Part 1

Format	Color
Hex	ADC9C7
RGB	173, 201, 199
RGB Percent	68%, 79%, 78%
CMY	0.3207, 0.2108, 0.2187
CMYK	0.14, 0.00, 0.01, 0.21
HSL	176°, 21%, 73%
HSV	176°, 14%, 79%
XYZ	48.5625, 54.9284, 62.2189
YIQ	192.4000, -16.0460, -6.5580

Conversions

Conversions Part 2

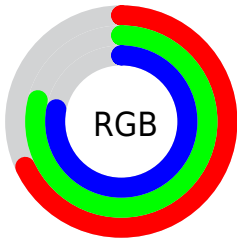
Format	Color
RYB	173, 188, 201
Decimal	11389383
CIELab	79.00, -9.76, -2.17
CIELCh	79, 10.000, 192.546
Yxy	54.9284, 0.2931, 0.3315
Android (android.graphics.Color)	4289579463 (0xFFADC9C7)
YUV	192.4000, 3.2538, -17.0138
Hunter-Lab	74.1137, -12.7380, 2.1053

Details

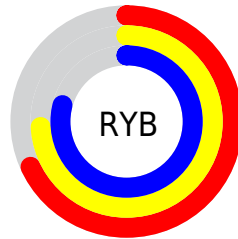
The CIELCh color **79, 10.000, 192.546** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73, 10.800, 14.572**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 8.853, 198.921**, and **59, 10.124, 192.022** is the 20% darker color. If you saturate the color by 10%, you get **78, 16.737, 191.807**, and if you desaturate by 10%, it is **80, 2.873, 193.385**.

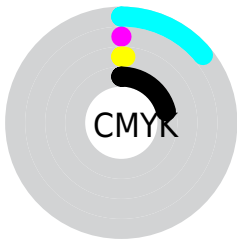
Distribution



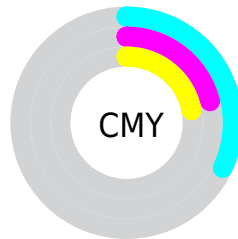
- Red (68%)
- Green (79%)
- Blue (78%)



- Red (68%)
- Yellow (74%)
- Blue (79%)



- Cyan (14%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)



- Cyan (32%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 10.000, 192.546 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, 10.000, 192.546 by changing the saturation by 10% instead.

■ 79, 10.000,
192.546

■ 79, 10.000,
192.546

■ 100, 10.000,
192.546

■ 69, 10.000,
192.546

■ 99, 10.000,
192.546

■ 59, 10.000,
192.546

■ 49, 10.000,
192.546

■ 39, 10.000,
192.546

■ 29, 10.000,
192.546

■ 19, 10.000,
192.546

■ 9, 10.000, 192.546

0, 10.000, 192.546

79, 10.000,
192.546

79, 10.000,
192.546

78, 16.737,
191.807

80, 2.873, 193.385

77, 22.961,
191.090

82, 4.538, 13.789

76, 28.552,
190.378

84, 12.138, 14.579

75, 33.396,
189.660

86, 20.364, 13.388

74, 37.403,
188.928

86, 20.421, 11.298

74, 40.516,
188.169

86, 20.620, 7.170

■ 73, 42.732,
187.367

■ 86, 20.761, 5.143

■ 73, 44.111,
186.508

■ 73, 44.679,
185.966

Harmonies

Complementary

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



79, 10.000, 192.546



73, 10.800, 14.572

Rectangle

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



79, 10.000, 192.546



79, 10.000, 242.546



79, 10.000, 12.546



79, 10.000, 62.546

Sweetspot

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



79, 10.001, 192.538



99, 3.554, 193.368



79, 17.822, 141.437



53, 2.523, 193.285



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, 10.001, 192.538



97, 14.685, 192.292



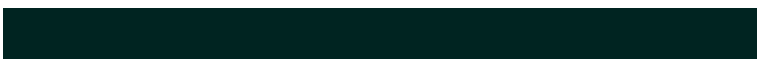
76, 8.413, 247.622



41, 4.077, 192.886



60, 38.200, 186.112



12, 13.605, 188.266

Inverse Universe

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



73, 10.800, 14.572



88, 16.171, 14.907



76, 8.878, 64.380



39, 4.291, 14.138



34, 71.834, 36.804



3, 15.932, 15.699

Previews

White Background



This preview shows how the CIELCh color 79, 10.000, 192.546 looks on a white background.

Color Contrast Check

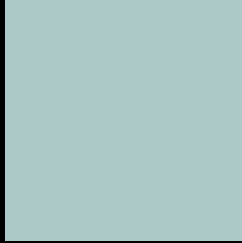
Large Text (above 18pt) WCAG AA × Fail

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, 10.000, 192.546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

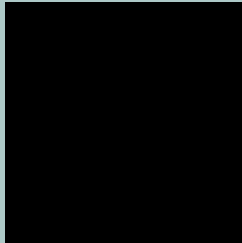
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

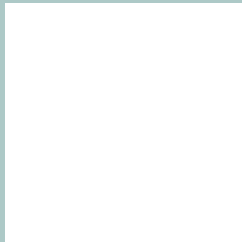
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 10.000, 192.546

Background



This preview shows how black text looks on a background with the CIELCh color 79, 10.000, 192.546.

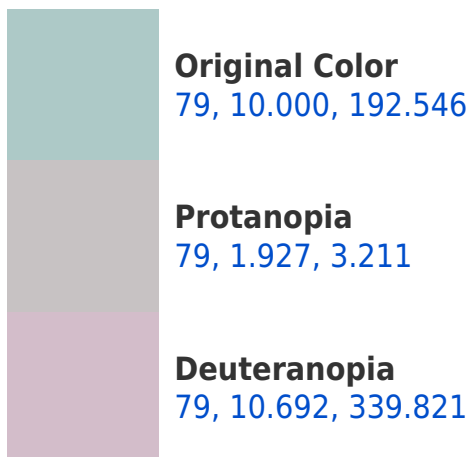


This preview shows how white text looks on a background with the CIELCh color 79, 10.000, 192.546.

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, 11.464, 247.426

Trichromacy



Original Color
79, 10.000, 192.546

Protanomaly
79, 2.543, 199.424

Deuteranomaly
79, 4.544, 309.215

Tritanomaly
79, 9.811, 228.327

Monochromacy



Original Color
79, 10.000, 192.546

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 3.678, 190.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 10.000, 192.546 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(173, 201, 199)` looks like.

```
.text, #text, p{  
    color:rgb(173, 201, 199)  
}
```

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(173, 201, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 201, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 10.000, 192.546 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(173, 201, 199) }
```

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

```
.border{ border-color:rgb(173, 201, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 201, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 201, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 201, 199);  
box-shadow:4px 4px 4px 4px rgb(173, 201,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 10.000, 192.546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 201, 199) }
```

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

```
.background{ background-color: rgb(173,  
201, 199) }
```

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