

Converting Colors

CIELCh(79, 17.461, 192.562)

Have a look what the booklet for
CIELCh(79, 17.461, 192.562)
contains.

CIELCh(79, 17.238, 192.788)	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, 17.238, 192.788)

Conversions

Conversions Part 1

Format	Color
Hex	9BCDCA
RGB	155, 205, 202
RGB Percent	61%, 80%, 79%
CMY	0.3919, 0.1959, 0.2076
CMYK	0.24, 0.00, 0.01, 0.20
HSL	176°, 33%, 71%
HSV	176°, 24%, 80%
XYZ	46.0383, 54.9284, 64.0854
YIQ	189.7080, -28.8370, -11.5330

Conversions

Conversions Part 2

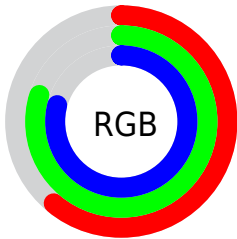
Format	Color
RYB	155, 181, 205
Decimal	10210762
CIELab	79.00, -16.81, -3.82
CIELCh	79, 17.238, 192.788
Yxy	54.9284, 0.2789, 0.3328
Android (android.graphics.Color)	4288400842 (0xFF9BCDCA)
YUV	189.7080, 6.0600, -30.4389
Hunter-Lab	74.1137, -18.8174, 0.6121

Details

The CIELCh color **79, 17.238, 192.788** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 19.910, 16.600**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 14.999, 198.507**, and **59, 17.452, 192.179** is the 20% darker color. If you saturate the color by 10%, you get **78, 23.487, 192.106**, and if you desaturate by 10%, it is **80, 10.455, 193.483**.

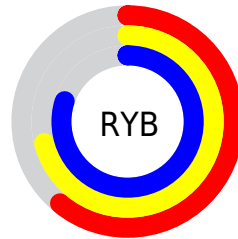
Distribution



Red (61%)

Green (80%)

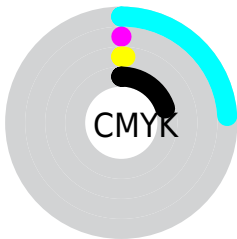
Blue (79%)



Red (61%)

Yellow (71%)

Blue (80%)

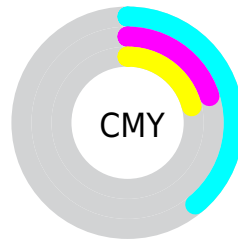


Cyan (24%)

Magenta (0%)

Yellow (1%)

Black (20%)



Cyan (39%)


Magenta (20%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 17.238, 192.788 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, 17.238, 192.788 by changing the saturation by 10% instead.

 79, 17.238,
192.788

 79, 17.238,
192.788


 100, 17.238,
192.788

 69, 17.238,
192.788

 99, 17.238,
192.788

 59, 17.238,
192.788

 49, 17.238,
192.788

 39, 17.238,
192.788

 29, 17.238,
192.788

 19, 17.238,
192.788

 9, 17.238, 192.788

0, 17.238, 192.788

79, 17.238,
192.788

79, 17.238,
192.788

78, 23.487,
192.106

80, 10.455,
193.483

77, 29.076,
191.439

82, 3.256, 194.287

76, 33.894,
190.777

83, 4.245, 14.680

76, 37.849,
190.112

85, 11.952, 15.461

75, 40.891,
189.432

87, 18.814, 13.904

75, 43.021,
188.724

87, 18.859, 11.972

87, 18.926, 10.051

■ 75, 44.305,
187.973

■ 87, 19.015, 8.146

■ 75, 44.787,
187.538

Harmonies

Complementary

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



79, 17.238, 192.788



69, 19.910, 16.600

Rectangle

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



79, 17.238, 192.788



79, 17.238, 242.788



79, 17.238, 12.788



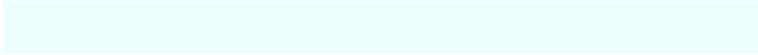
79, 17.238, 62.788

Sweetspot

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



79, 17.239, 192.784



99, 6.172, 194.036



78, 31.962, 141.173



53, 4.005, 193.985



0, 0.000, 0.000



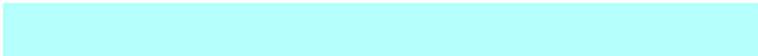
53, 0.007, 296.813

Same Dimension

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



79, 17.239, 192.784



95, 24.074, 192.444



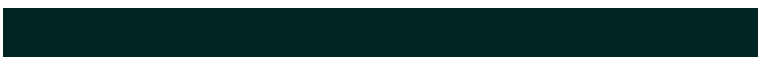
73, 14.917, 251.259



42, 4.153, 193.852



61, 38.200, 187.664



13, 14.053, 189.391

Inverse Universe

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



69, 19.910, 16.600



81, 28.730, 17.223



74, 16.380, 65.168



40, 4.377, 15.066



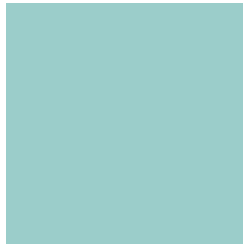
34, 73.145, 37.345



4, 17.947, 16.446

Previews

White Background



This preview shows how the CIE LCh color 79, 17.238, 192.788 looks on a white background.

Color Contrast Check

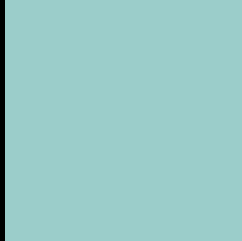
Large Text (above 18pt) WCAG AA × Fail

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, 17.238, 192.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

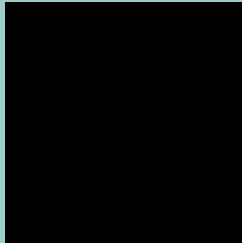
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

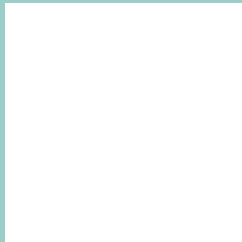
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 17.238, 192.788

Background



This preview shows how black text looks on a background with the CIELCh color 79, 17.238, 192.788.

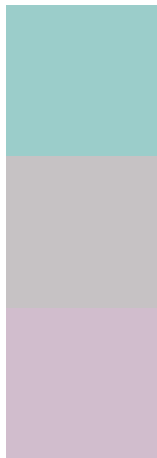


This preview shows how white text looks on a background with the CIELCh color 79, 17.238, 192.788.

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](#).

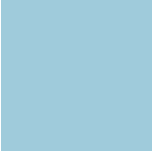
Dichromacy



Original Color
79, 17.238, 192.788

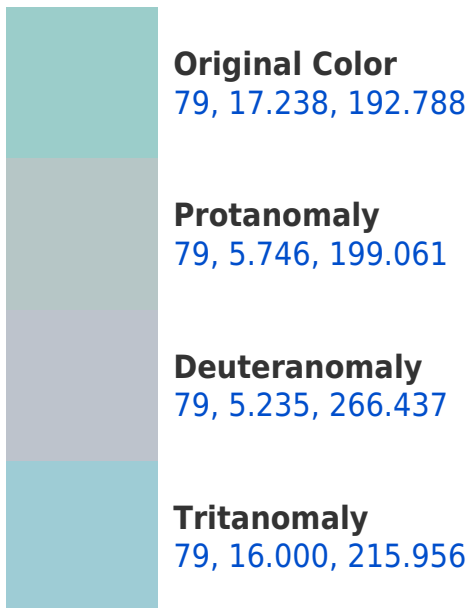
Protanopia
79, 1.833, 343.595

Deuteranopia
79, 11.290, 331.094

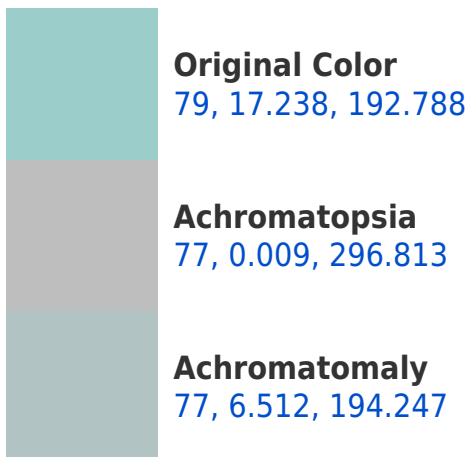


Tritanopia
79, 16.620, 229.634

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 17.238, 192.788 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(155, 205, 202)` looks like.

```
.text, #text, p{  
    color:rgb(155, 205, 202)  
}
```

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(155, 205, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 205, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 17.238, 192.788 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(155, 205, 202) }
```

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

```
.border{ border-color:rgb(155, 205, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 205, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 205, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 205, 202);  
box-shadow:4px 4px 4px 4px rgb(155, 205,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 17.238, 192.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 205, 202) }
```

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

```
.background{ background-color: rgb(155,  
205, 202) }
```

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