

Converting Colors

CIELCh(79, 21.315, 178.505)

Have a look what the booklet for
CIELCh(79, 21.315, 178.505)
contains.

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Color

CIELCh(79, 21.354, 178.789)

Conversions

Conversions Part 1

Format	Color
Hex	95CFC2
RGB	149, 207, 194
RGB Percent	58%, 81%, 76%
CMY	0.4156, 0.1881, 0.2391
CMYK	0.28, 0.00, 0.06, 0.19
HSL	167°, 38%, 70%
HSV	167°, 28%, 81%
XYZ	44.4602, 54.9284, 59.3147
YIQ	188.1760, -30.3950, -16.3390

Conversions

Conversions Part 2

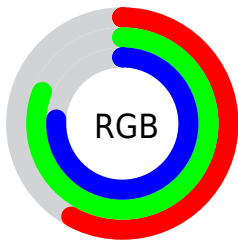
Format	Color
RYB	149, 182, 207
Decimal	9818050
CIELab	79.00, -21.35, 0.45
CIElCh	79, 21.354, 178.789
Yxy	54.9284, 0.2801, 0.3461
Android (android.graphics.Color)	4288008130 (0xFF95CFC2)
YUV	188.1760, 2.8712, -34.3574
Hunter-Lab	74.1137, -22.6181, 4.4286

Details

The CIELCh color **79, 21.354, 178.789** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 23.773, 4.495**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 17.286, 189.789**, and **59, 21.278, 178.706** is the 20% darker color. If you saturate the color by 10%, you get **78, 28.274, 177.709**, and if you desaturate by 10%, it is **80, 13.990, 179.799**.

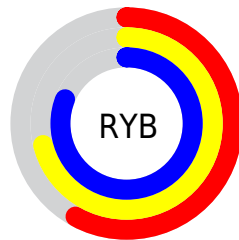
Distribution



Red (58%)

Green (81%)

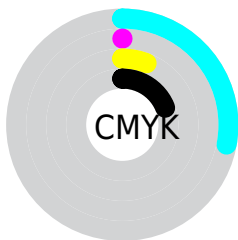
Blue (76%)



Red (58%)

Yellow (71%)

Blue (81%)

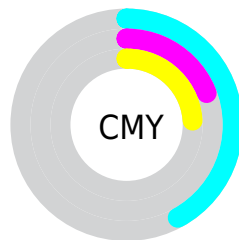


Cyan (28%)

Magenta (0%)

Yellow (6%)

Black (19%)



Cyan (42%)


Magenta (19%)


Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 21.354, 178.789 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, 21.354, 178.789 by changing the saturation by 10% instead.


 79, 21.354,
178.789

 79, 21.354,
178.789

 100, 21.354,
178.789


 69, 21.354,
178.789

 99, 21.354,
178.789

 59, 21.354,
178.789

 49, 21.354,
178.789

 39, 21.354,
178.789

 29, 21.354,
178.789

 19, 21.354,
178.789

 9, 21.354, 178.789

■ 0, 21.354, 178.789

■ 79, 21.354,
178.789

■ 79, 21.354,
178.789

■ 78, 28.274,
177.709

■ 80, 13.990,
179.799

■ 77, 34.613,
176.545

■ 82, 6.307, 180.785

■ 76, 40.248,
175.274

■ 83, 1.580, 1.270

■ 85, 9.572, 2.395

■ 75, 45.076,
173.871

■ 87, 17.590, 3.237

■ 75, 49.039,
172.312

■ 88, 19.175,
357.206

■ 75, 52.139,
170.578

■ 88, 20.155,
350.828

■ 74, 54.489,
168.679

■ 88, 21.372,
345.130

■ 74, 54.923,
168.304

■ 88, 22.789,
340.117

Harmonies

Complementary

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



79, 21.354, 178.789



68, 23.773, 4.495

Rectangle

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



79, 21.354, 178.789



79, 21.354, 228.789



79, 21.354, 358.789



79, 21.354, 48.789

Sweetspot

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



79, 21.355, 178.786



98, 7.453, 180.777



79, 35.098, 136.400



52, 5.288, 180.624



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, 21.355, 178.786



94, 30.235, 178.106



75, 16.210, 229.692



43, 4.493, 180.644



61, 46.883, 168.614



14, 16.969, 172.973

Inverse Universe

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



68, 23.773, 4.495



78, 34.569, 5.444



71, 19.360, 46.213



41, 4.651, 2.248



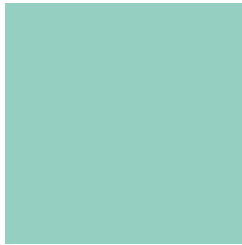
35, 66.807, 27.156



4, 20.268, 9.110

Previews

White Background



This preview shows how the CIELCh color 79, 21.354, 178.789 looks on a white background.

Color Contrast Check

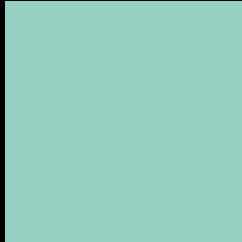
Large Text (above 18pt) WCAG AA × Fail

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, 21.354, 178.789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

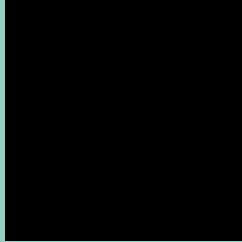
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

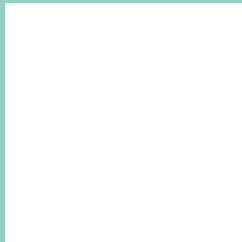
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 21.354, 178.789

Background



This preview shows how black text looks on a background with the CIELCh color 79, 21.354, 178.789.

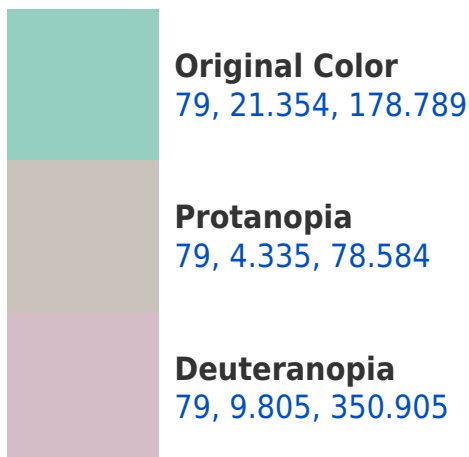


This preview shows how white text looks on a background with the CIELCh color 79, 21.354, 178.789.

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](#).

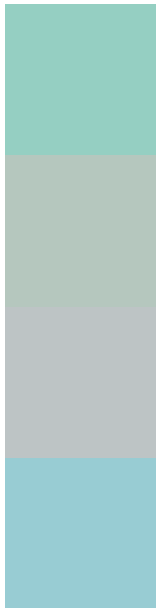
Dichromacy





Tritanopia
79, 18.131, 228.677

Trichromacy



Original Color
79, 21.354, 178.789

Protanomaly
79, 8.196, 162.949

Deuteranomaly
79, 2.588, 211.350

Tritanomaly
79, 17.608, 210.561

Monochromacy



Original Color
79, 21.354, 178.789

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 8.103, 179.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 21.354, 178.789 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(149, 207, 194)` looks like.

```
.text, #text, p{  
    color:rgb(149, 207, 194)  
}
```

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(149, 207, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 207, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 21.354, 178.789 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(149, 207, 194) }
```

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

```
.border{ border-color:rgb(149, 207, 194) }
```

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

Here you see how a box with a 4 pixel rgb(149, 207, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 207, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 207, 194);  
box-shadow:4px 4px 4px 4px rgb(149, 207,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 21.354, 178.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 207, 194) }
```

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

```
.background{ background-color: rgb(149,  
207, 194) }
```

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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