

Converting Colors

CIELCh(79, 19.135, 197.100)

Have a look what the booklet for
CIELCh(79, 19.135, 197.100)
contains.

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Color

CIECh(79, 19.201, 196.417)

Conversions

Conversions Part 1

Format	Color
Hex	95CECD
RGB	149, 206, 205
RGB Percent	58%, 81%, 80%
CMY	0.4157, 0.1922, 0.1961
CMYK	0.28, 0.00, 0.00, 0.19
HSL	179°, 37%, 70%
HSV	179°, 28%, 81%
XYZ	45.4751, 54.9284, 65.9513
YIQ	188.8430, -33.6510, -12.3950

Conversions

Conversions Part 2

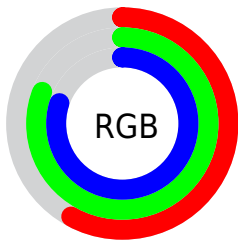
Format	Color
RYB	149, 178, 206
Decimal	9817805
CIELab	79.00, -18.42, -5.43
CIELCh	79, 19.201, 196.417
Yxy	54.9284, 0.2734, 0.3302
Android (android.graphics.Color)	4288007885 (0xFF95CECD)
YUV	188.8430, 7.9654, -34.9423
Hunter-Lab	74.1137, -20.1739, -0.8807

Details

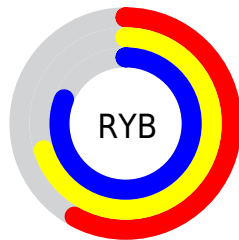
The CIELCh color **79, 19.201, 196.417** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 23.010, 20.280**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 16.562, 198.406**, and **59, 19.315, 195.964** is the 20% darker color. If you saturate the color by 10%, you get **78, 25.119, 195.910**, and if you desaturate by 10%, it is **80, 12.670, 196.963**.

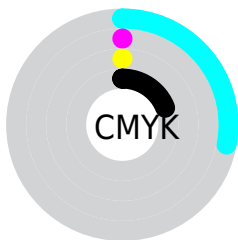
Distribution



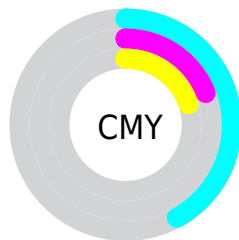
- Red (58%)
- Green (81%)
- Blue (80%)



- Red (58%)
- Yellow (70%)
- Blue (81%)



- Cyan (28%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)




- Cyan (42%)
- Magenta (19%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 19.201, 196.417 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, 19.201, 196.417 by changing the saturation by 10% instead.


 79, 19.201,
196.417

 79, 19.201,
196.417


 100, 19.201,
196.417


 69, 19.201,
196.417


 99, 19.201,
196.417

 59, 19.201,
196.417

 49, 19.201,
196.417

 39, 19.201,
196.417

 29, 19.201,
196.417

 19, 19.201,
196.417

 9, 19.201, 196.417

■ 0, 19.201, 196.417

■ 79, 19.201,
196.417

■ 79, 19.201,
196.417

■ 78, 25.119,
195.910

■ 80, 12.670,
196.963

■ 77, 30.306,
195.453

■ 82, 5.647, 197.586

■ 76, 34.661,
195.040

■ 83, 1.752, 17.761

■ 85, 9.422, 18.640

■ 76, 38.113,
194.671

■ 87, 17.273, 19.300

■ 75, 40.635,
194.341

■ 87, 18.429, 18.900

■ 87, 18.423, 18.317

■ 75, 42.254,
194.043

■ 87, 18.419, 17.735

■ 75, 43.091,
193.766

■ 87, 18.416, 17.153

■ 75, 43.240,
193.703

Harmonies

Complementary

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



79, 19.201, 196.417



67, 23.010, 20.280

Rectangle

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



79, 19.201, 196.417



79, 19.201, 246.417



79, 19.201, 16.417



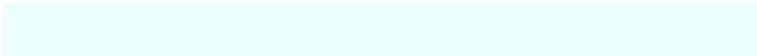
79, 19.201, 66.417

Sweetspot

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



79, 19.202, 196.413



99, 6.995, 197.556



78, 36.789, 141.752



52, 4.953, 197.453



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, 19.202, 196.413



95, 26.639, 196.119



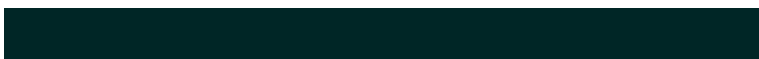
72, 17.378, 255.859



42, 4.126, 197.468



61, 36.780, 193.744



13, 13.653, 194.284

Inverse Universe

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



67, 23.010, 20.280



78, 33.300, 21.013



74, 19.046, 68.449



40, 4.368, 18.501



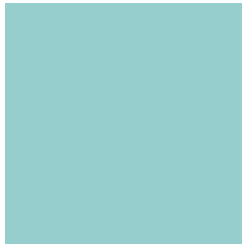
34, 74.831, 39.111



4, 17.916, 18.537

Previews

White Background



This preview shows how the CIELCh color 79, 19.201, 196.417 looks on a white background.

Color Contrast Check

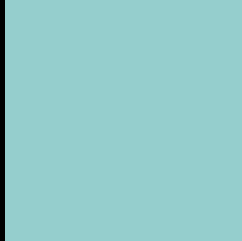
Large Text (above 18pt) WCAG AA × Fail

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, 19.201, 196.417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

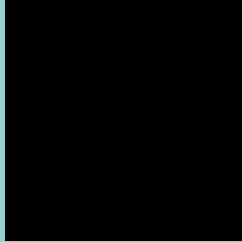
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

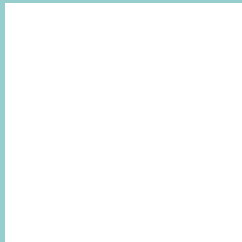
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 19.201, 196.417

Background



This preview shows how black text looks on a background with the CIELCh color 79, 19.201, 196.417.



This preview shows how white text looks on a background with the CIELCh color 79, 19.201, 196.417.

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](#).

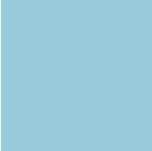
Dichromacy



Original Color
79, 19.201, 196.417

Protanopia
79, 2.422, 317.300

Deuteranopia
79, 12.331, 324.919



Tritanopia
79, 18.700, 225.713

Trichromacy



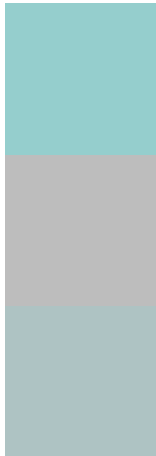
Original Color
79, 19.201, 196.417

Protanomaly
79, 6.571, 213.181

Deuteranomaly
79, 6.964, 266.751

Tritanomaly
79, 18.399, 215.199

Monochromacy



Original Color
79, 19.201, 196.417

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 7.512, 198.897

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 19.201, 196.417 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, 206, 205)` looks like.

```
.text, #text, p{  
    color:rgb(149, 206, 205)  
}
```

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, 206, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 206, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 19.201, 196.417 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, 206, 205) }
```

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

```
.border{ border-color:rgb(149, 206, 205) }
```

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

Here you see how a box with a 4 pixel rgb(149, 206, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 206, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 206, 205);  
box-shadow:4px 4px 4px 4px rgb(149, 206,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 19.201, 196.417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 206, 205) }
```

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

```
.background{ background-color: rgb(149,  
206, 205) }
```

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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