

Converting Colors

CIELCh(79, 21.600, 193.232)

Have a look what the booklet for
CIELCh(79, 21.600, 193.232)
contains.

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Color

CIELCh(79, 21.458, 193.540)

Conversions

Conversions Part 1

Format	Color
Hex	8FCFCC
RGB	143, 207, 204
RGB Percent	56%, 81%, 80%
CMY	0.4386, 0.1876, 0.1993
CMYK	0.31, 0.00, 0.01, 0.19
HSL	177°, 40%, 69%
HSV	177°, 31%, 81%
XYZ	44.6280, 54.9284, 65.4814
YIQ	187.5220, -37.1810, -14.5010

Conversions

Conversions Part 2

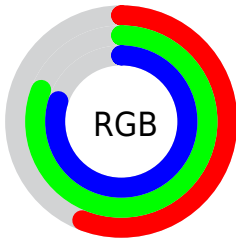
Format	Color
RYB	143, 176, 207
Decimal	9424844
CIELab	79.00, -20.86, -5.02
CIElCh	79, 21.458, 193.540
Yxy	54.9284, 0.2704, 0.3328
Android (android.graphics.Color)	4287614924 (0xFF8FCFCC)
YUV	187.5220, 8.1237, -39.0458
Hunter-Lab	74.1137, -22.2140, -0.5047

Details

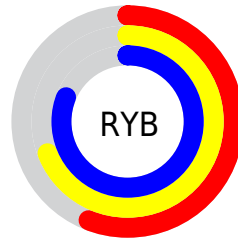
The CIELCh color **79, 21.458, 193.540** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 26.017, 18.439**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 18.406, 198.288**, and **59, 21.127, 194.386** is the 20% darker color. If you saturate the color by 10%, you get **78, 27.286, 192.919**, and if you desaturate by 10%, it is **80, 14.999, 194.177**.

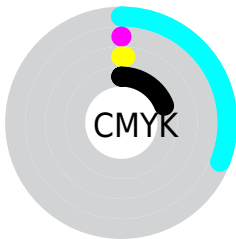
Distribution



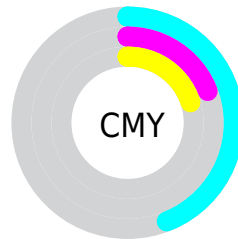
- Red (56%)
- Green (81%)
- Blue (80%)



- Red (56%)
- Yellow (69%)
- Blue (81%)



- Cyan (31%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)





- Cyan (44%)
- Magenta (19%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 21.458, 193.540 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, 21.458, 193.540 by changing the saturation by 10% instead.


 79, 21.458,
193.540


 79, 21.458,
193.540


 100, 21.458,
193.540


 69, 21.458,
193.540


 99, 21.458,
193.540

 59, 21.458,
193.540

 49, 21.458,
193.540

 39, 21.458,
193.540

 29, 21.458,
193.540

 19, 21.458,
193.540

 9, 21.458, 193.540

0, 21.458, 193.540

79, 21.458,
193.540

79, 21.458,
193.540

78, 27.286,
192.919

80, 14.999,
194.177

77, 32.362,
192.321

82, 8.030, 194.855

76, 36.590,
191.735

83, 0.672, 196.279

85, 6.966, 16.037

76, 39.904,
191.154

87, 14.791, 16.758

76, 42.288,
190.567

87, 17.943, 16.071

87, 17.958, 14.468

75, 43.786,
189.962

87, 17.988, 12.870

■ 75, 44.560,
189.391

■ 87, 18.032, 11.278

Harmonies

Complementary

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



79, 21.458, 193.540



66, 26.017, 18.439

Rectangle

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



79, 21.458, 193.540



79, 21.458, 243.540



79, 21.458, 13.540



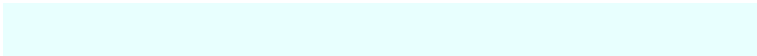
79, 21.458, 63.540

Sweetspot

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



79, 21.459, 193.537



98, 7.883, 194.986



78, 41.013, 141.086



52, 5.459, 194.878



0, 0.000, 0.000



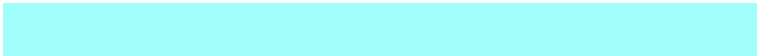
53, 0.007, 296.813

Same Dimension

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



79, 21.459, 193.537



94, 29.652, 193.130



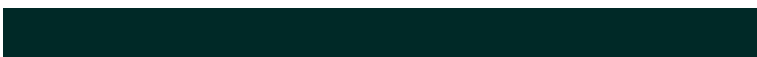
71, 19.143, 254.491



43, 4.228, 194.963



62, 38.153, 189.488



14, 14.469, 190.784

Inverse Universe

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



66, 26.017, 18.439



76, 37.655, 19.397



73, 21.433, 66.275



41, 4.463, 16.129



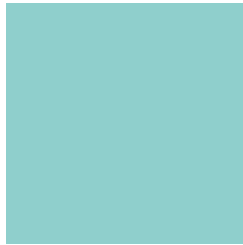
35, 74.522, 37.930



4, 20.021, 17.278

Previews

White Background



This preview shows how the CIELCh color 79, 21.458, 193.540 looks on a white background.

Color Contrast Check

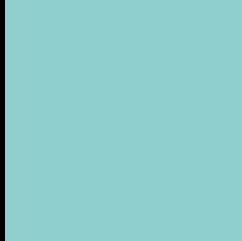
Large Text (above 18pt) WCAG AA × Fail

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, 21.458, 193.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

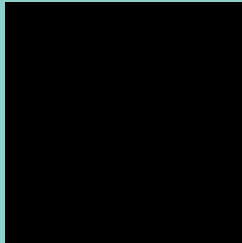
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

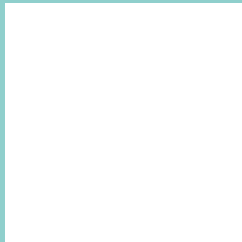
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 21.458, 193.540

Background



This preview shows how black text looks on a background with the CIELCh color 79, 21.458, 193.540.

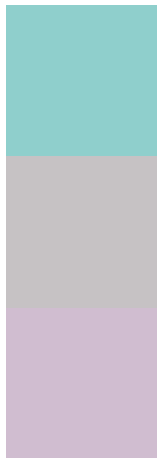


This preview shows how white text looks on a background with the CIELCh color 79, 21.458, 193.540.

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](#).

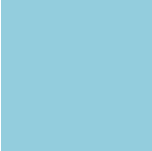
Dichromacy



Original Color
79, 21.458, 193.540

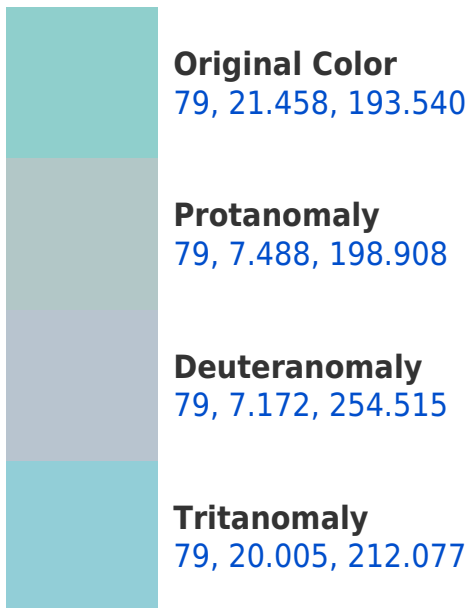
Protanopia
79, 1.833, 343.595

Deuteranopia
79, 12.331, 324.919

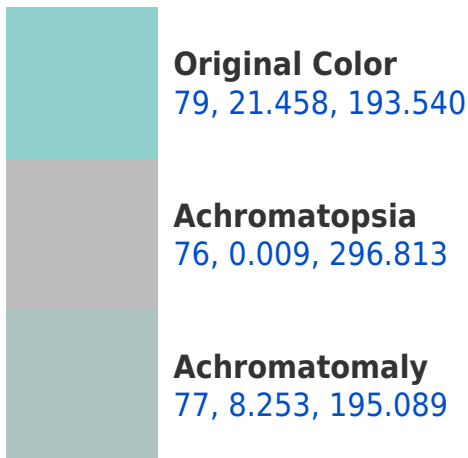


Tritanopia
79, 20.250, 223.352

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 21.458, 193.540 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(143, 207, 204)` looks like.

```
.text, #text, p{  
    color:rgb(143, 207, 204)  
}
```

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(143, 207, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 207, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 21.458, 193.540 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(143, 207, 204) }
```

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

```
.border{ border-color:rgb(143, 207, 204) }
```

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

Here you see how a box with a 4 pixel rgb(143, 207, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 207, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 207, 204);  
box-shadow:4px 4px 4px 4px rgb(143, 207,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 21.458, 193.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 207, 204) }
```

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

```
.background{ background-color: rgb(143,  
207, 204) }
```

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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