

Converting Colors

CIELCh(78, 23.023, 179.664)

Have a look what the booklet for
CIELCh(78, 23.023, 179.664)
contains.

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Color

CIELCh(78, 22.844, 179.894)

Conversions

Conversions Part 1

Format	Color
Hex	8ECDC0
RGB	142, 205, 192
RGB Percent	56%, 80%, 75%
CMY	0.4432, 0.1961, 0.2471
CMYK	0.31, 0.00, 0.06, 0.20
HSL	168°, 39%, 68%
HSV	168°, 31%, 80%
XYZ	42.4950, 53.2120, 57.8935
YIQ	184.6810, -33.3750, -17.3990

Conversions

Conversions Part 2

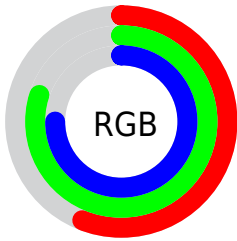
Format	Color
RYB	142, 177, 205
Decimal	9358784
CIELab	78.00, -22.84, 0.04
CIElCh	78, 22.844, 179.894
Yxy	53.2120, 0.2767, 0.3464
Android (android.graphics.Color)	4287548864 (0xFF8ECD0)
YUV	184.6810, 3.6083, -37.4312
Hunter-Lab	72.9466, -23.6712, 4.0075

Details

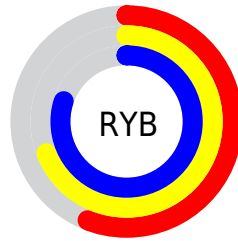
The CIELCh color **78, 22.844, 179.894** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 25.897, 6.211**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.688, 187.637**, and **58, 22.987, 179.927** is the 20% darker color. If you saturate the color by 10%, you get **77, 29.454, 178.821**, and if you desaturate by 10%, it is **79, 15.744, 180.898**.

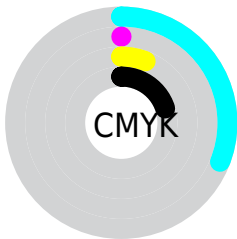
Distribution



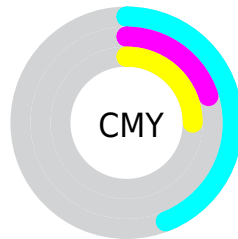
- Red (56%)
- Green (80%)
- Blue (75%)



- Red (56%)
- Yellow (69%)
- Blue (80%)



- Cyan (31%)
- Magenta (0%)
- Yellow (6%)
- Black (20%)




- Cyan (44%)
- Magenta (20%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 22.844, 179.894 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 78, 22.844, 179.894 by changing the saturation by 10% instead.

 78, 22.844,
179.894

 78, 22.844,
179.894

 100, 22.844,
179.894

 68, 22.844,
179.894

 98, 22.844,
179.894

 58, 22.844,
179.894

 48, 22.844,
179.894

 38, 22.844,
179.894

 28, 22.844,
179.894

 18, 22.844,
179.894

 8, 22.844, 179.894

0, 22.844, 179.894

78, 22.844,
179.894

78, 22.844,
179.894

77, 29.454,
178.821

79, 15.744,
180.898

76, 35.440,
177.666

81, 8.279, 181.867

75, 40.686,
176.406

82, 0.568, 183.610

84, 7.286, 3.483

75, 45.103,
175.016

86, 15.199, 4.343

74, 48.649,
173.474

87, 19.520, 1.707

74, 51.349,
171.762

87, 20.233,
355.744

■ 74, 53.270,
170.060

■ 87, 21.160,
350.260

■ 87, 22.275,
345.298

Harmonies

Complementary

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



78, 22.844, 179.894



66, 25.897, 6.211

Rectangle

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



78, 22.844, 179.894



78, 22.844, 229.894



78, 22.844, 359.894



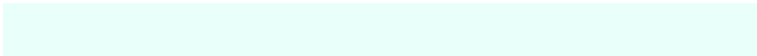
78, 22.844, 49.894

Sweetspot

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



78, 22.845, 179.891



98, 8.304, 182.026



78, 38.372, 136.717



52, 5.760, 181.881



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 22.845, 179.891



94, 32.253, 179.178



73, 17.479, 232.314



42, 4.365, 181.998



61, 45.306, 170.369



13, 15.990, 174.822

Inverse Universe

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



66, 25.897, 6.211



76, 37.682, 7.273



69, 21.172, 47.930



40, 4.527, 3.577



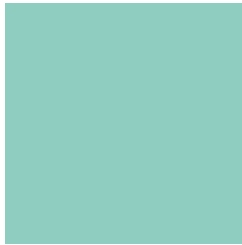
34, 66.761, 28.479



4, 18.232, 9.351

Previews

White Background



This preview shows how the CIELCh color 78, 22.844, 179.894 looks on a white background.

Color Contrast Check

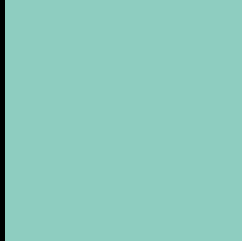
Large Text (above 18pt) WCAG AA × Fail

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 78, 22.844, 179.894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

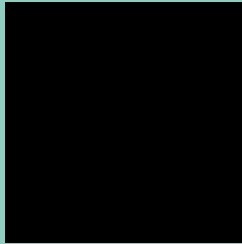
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

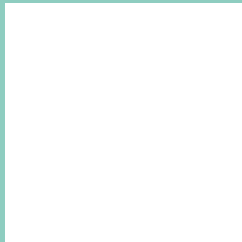
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 22.844, 179.894

Background



This preview shows how black text looks on a background with the CIELCh color 78, 22.844, 179.894.

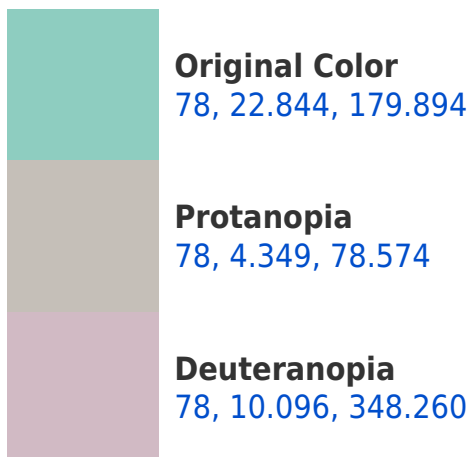


This preview shows how white text looks on a background with the CIELCh color 78, 22.844, 179.894.

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
78, 18.982, 225.332

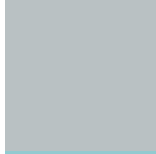
Trichromacy



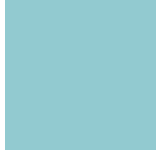
Original Color
78, 22.844, 179.894



Protanomaly
78, 8.514, 164.318



Deuteranomaly
78, 3.077, 219.779

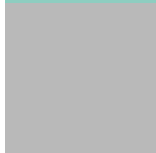


Tritanomaly
78, 18.755, 208.041

Monochromacy



Original Color
78, 22.844, 179.894



Achromatopsia
75, 0.009, 296.813



Achromatomaly
76, 8.618, 184.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 22.844, 179.894 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(142, 205, 192)` looks like.

```
.text, #text, p{  
    color:rgb(142, 205, 192)  
}
```

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(142, 205, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 205, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 22.844, 179.894 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(142, 205, 192) }
```

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

```
.border{ border-color:rgb(142, 205, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 205, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 205, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 205, 192);  
box-shadow:4px 4px 4px 4px rgb(142, 205,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 22.844, 179.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 205, 192) }
```

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

```
.background{ background-color: rgb(142,  
205, 192) }
```

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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