

Converting Colors

CIELCh(78, 26.090, 192.124)

Have a look what the booklet for
CIELCh(78, 26.090, 192.124)
contains.

CIELCh(78, 26.180, 191.590)	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(78, 26.180, 191.590)

Conversions

Conversions Part 1

Format	Color
Hex	7FCFCA
RGB	127, 207, 202
RGB Percent	50%, 81%, 79%
CMY	0.5032, 0.1894, 0.2091
CMYK	0.39, 0.00, 0.02, 0.19
HSL	176°, 45%, 65%
HSV	176°, 39%, 81%
XYZ	41.5675, 53.2120, 63.7649
YIQ	182.5100, -46.0750, -18.5150

Conversions

Conversions Part 2

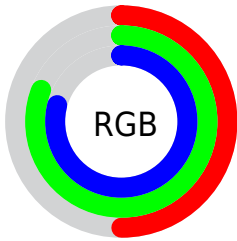
Format	Color
R_{YB}	127, 168, 207
Decimal	8376266
CIE _{Lab}	78.00, -25.65, -5.26
CIE _{LCh}	78, 26.180, 191.590
Yxy	53.2120, 0.2622, 0.3356
Android (android.graphics.Color)	4286566346 (0xFF7FCFCA)
YUV	182.5100, 9.6086, -48.6823
Hunter-Lab	72.9466, -25.9410, -0.7647

Details

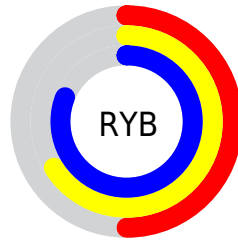
The CIELCh color **78, 26.180, 191.590** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **62, 33.265, 18.424**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 23.133, 197.991**, and **58, 25.967, 191.978** is the 20% darker color. If you saturate the color by 10%, you get **77, 31.493, 190.912**, and if you desaturate by 10%, it is **79, 20.155, 192.269**.

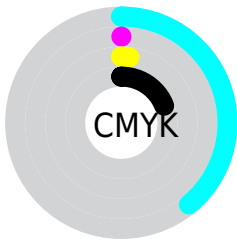
Distribution



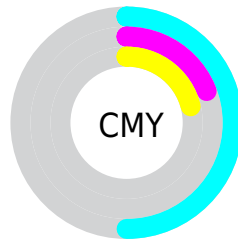
- Red (50%)
- Green (81%)
- Blue (79%)



- Red (50%)
- Yellow (66%)
- Blue (81%)



- Cyan (39%)
- Magenta (0%)
- Yellow (2%)
- Black (19%)





- Cyan (50%)
- Magenta (19%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 26.180, 191.590 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, 26.180, 191.590 by changing the saturation by 10% instead.


 78, 26.180,
191.590


 78, 26.180,
191.590


 100, 26.180,
191.590


 68, 26.180,
191.590


 98, 26.180,
191.590

 58, 26.180,
191.590

 48, 26.180,
191.590

 38, 26.180,
191.590

 28, 26.180,
191.590

 18, 26.180,
191.590

 8, 26.180, 191.590

0, 26.180, 191.590

78, 26.180,
191.590

78, 26.180,
191.590

77, 31.493,
190.912

79, 20.155,
192.269

76, 35.987,
190.236

80, 13.537,
192.965

76, 39.586,
189.550

82, 6.453, 193.700

83, 0.982, 13.743

75, 42.258,
188.840

85, 8.662, 14.946

75, 44.032,
188.092

87, 16.497, 15.679

75, 45.053,
187.298

87, 18.155, 14.158

■ 75, 45.166,
187.195

■ 87, 18.201, 12.059

■ 87, 18.272, 9.974

Harmonies

Complementary

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



78, 26.180, 191.590



62, 33.265, 18.424

Rectangle

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



78, 26.180, 191.590



78, 26.180, 241.590



78, 26.180, 11.590



78, 26.180, 61.590

Sweetspot

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



78, 26.180, 191.587



98, 10.470, 193.437



77, 50.788, 140.032



52, 6.923, 193.340



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, 26.180, 191.587



93, 35.640, 191.057



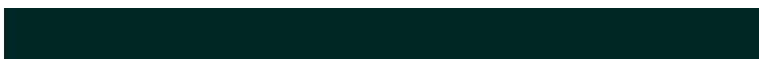
68, 23.321, 254.071



43, 4.240, 193.644



62, 38.729, 187.319



14, 14.637, 189.001

Inverse Universe

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



62, 33.265, 18.424



70, 47.868, 19.862



70, 27.305, 63.630



41, 4.468, 14.872



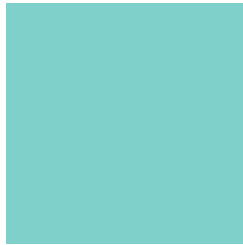
35, 73.925, 37.291



4, 20.028, 16.553

Previews

White Background



This preview shows how the CIELCh color 78, 26.180, 191.590 looks on a white background.

Color Contrast Check

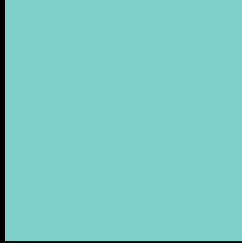
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 78, 26.180, 191.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

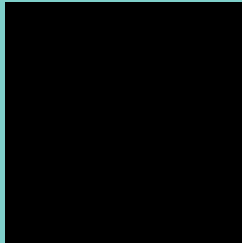
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

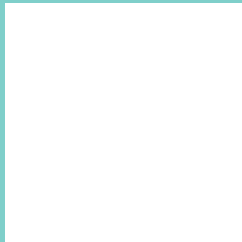
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 26.180, 191.590

Background



This preview shows how black text looks on a background with the CIELCh color 78, 26.180, 191.590.

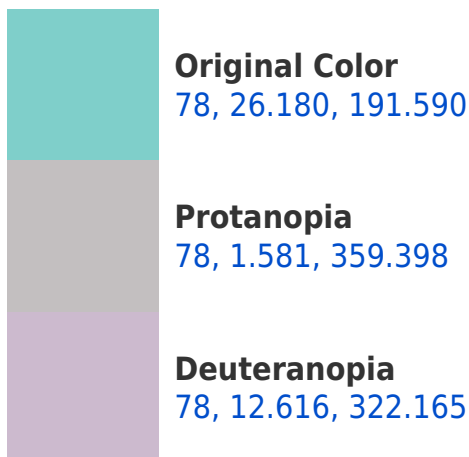


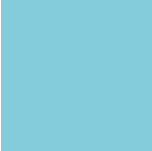
This preview shows how white text looks on a background with the CIELCh color 78, 26.180, 191.590.

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, 23.780, 219.224

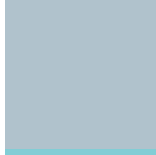
Trichromacy



Original Color
78, 26.180, 191.590



Protanomaly
78, 9.613, 195.514

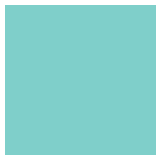


Deuteranomaly
77, 8.193, 240.107

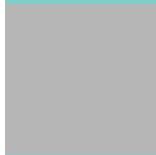


Tritanomaly
78, 24.031, 208.114

Monochromacy



Original Color
78, 26.180, 191.590



Achromatopsia
74, 0.009, 296.813



Achromatomaly
75, 10.420, 192.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 26.180, 191.590 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(127, 207, 202)` looks like.

```
.text, #text, p{  
    color:rgb(127, 207, 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(127, 207, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 207, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 26.180, 191.590 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(127, 207, 202) }
```

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

```
.border{ border-color:rgb(127, 207, 202) }
```

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

Here you see how a box with a 4 pixel rgb(127, 207, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 207, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 207, 202);  
box-shadow:4px 4px 4px 4px rgb(127, 207,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 26.180, 191.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 207, 202) }
```

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

```
.background{ background-color: rgb(127,  
207, 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](#).

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