

Converting Colors

CIELCh(78, 15.209, 196.464)

Have a look what the booklet for
CIELCh(78, 15.209, 196.464)
contains.

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Color

CIELCh(78, 15.204, 196.266)

Conversions

Conversions Part 1

Format	Color
Hex	9DC9C8
RGB	157, 201, 200
RGB Percent	62%, 79%, 78%
CMY	0.3837, 0.2111, 0.2150
CMYK	0.22, 0.00, 0.00, 0.21
HSL	179°, 29%, 70%
HSV	179°, 22%, 79%
XYZ	45.3052, 53.2120, 62.6272
YIQ	187.7300, -25.9030, -9.6390

Conversions

Conversions Part 2

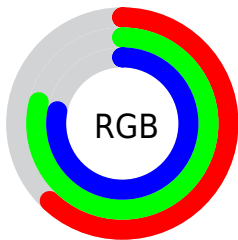
Format	Color
RYB	157, 179, 201
Decimal	10340808
CIELab	78.00, -14.60, -4.26
CIELCh	78, 15.204, 196.266
Yxy	53.2120, 0.2811, 0.3302
Android (android.graphics.Color)	4288530888 (0xFF9DC9C8)
YUV	187.7300, 6.0491, -26.9502
Hunter-Lab	72.9466, -16.7947, 0.1601

Details

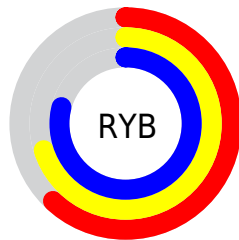
The CIELCh color **78, 15.204, 196.266** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 17.457, 19.227**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 14.367, 198.548**, and **58, 15.391, 195.847** is the 20% darker color. If you saturate the color by 10%, you get **77, 21.389, 195.712**, and if you desaturate by 10%, it is **79, 8.493, 196.860**.

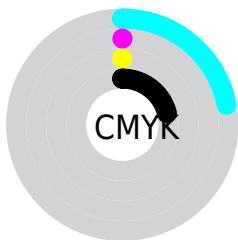
Distribution



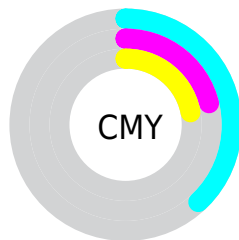
- Red (62%)
- Green (79%)
- Blue (78%)



- Red (62%)
- Yellow (70%)
- Blue (79%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)





- Cyan (38%)
- Magenta (21%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 15.204, 196.266 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, 15.204, 196.266 by changing the saturation by 10% instead.


 78, 15.204,
196.266


 78, 15.204,
196.266


 100, 15.204,
196.266


 68, 15.204,
196.266


 98, 15.204,
196.266

 58, 15.204,
196.266

 48, 15.204,
196.266

 38, 15.204,
196.266

 28, 15.204,
196.266

 18, 15.204,
196.266

 8, 15.204, 196.266

0, 15.204, 196.266

78, 15.204,
196.266

78, 15.204,
196.266

77, 21.389,
195.712

79, 8.493, 196.860

81, 1.371, 197.795

76, 26.928,
195.204

82, 6.054, 17.921

75, 31.711,
194.737

84, 13.687, 18.608

75, 35.648,
194.308

86, 20.384, 19.088

86, 20.374, 18.420

74, 38.684,
193.914

86, 20.367, 17.752

74, 40.813,
193.548

86, 20.363, 17.084

■ 74, 42.088,
193.202

■ 86, 20.362, 16.415

■ 73, 42.661,
192.927

Harmonies

Complementary

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



78, 15.204, 196.266



69, 17.457, 19.227

Rectangle

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



78, 15.204, 196.266



78, 15.204, 246.266



78, 15.204, 16.266



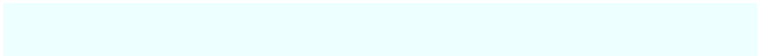
78, 15.204, 66.266

Sweetspot

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



78, 15.205, 196.261



99, 6.138, 197.185



77, 28.533, 142.201



53, 3.983, 197.140



0, 0.000, 0.000



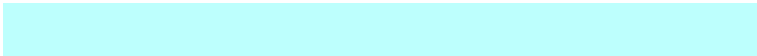
53, 0.007, 296.813

Same Dimension

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



78, 15.205, 196.261



96, 21.582, 196.009



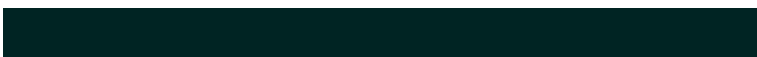
72, 13.554, 254.822



41, 4.043, 197.024



61, 36.515, 192.978



12, 13.157, 193.719

Inverse Universe

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



69, 17.457, 19.227



83, 25.567, 19.720



74, 14.542, 69.133



39, 4.278, 18.076



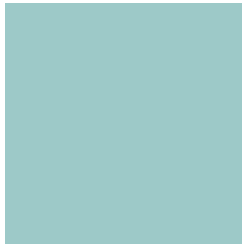
34, 73.727, 38.853



3, 15.893, 18.221

Previews

White Background



This preview shows how the CIELCh color 78, 15.204, 196.266 looks on a white background.

Color Contrast Check

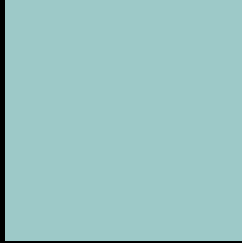
Large Text (above 18pt) WCAG AA × Fail

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, 15.204, 196.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

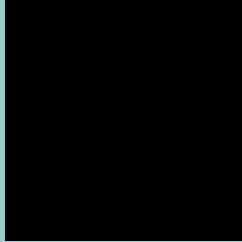
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

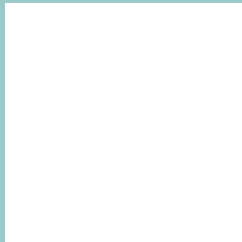
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 15.204, 196.266

Background



This preview shows how black text looks on a background with the CIELCh color 78, 15.204, 196.266.

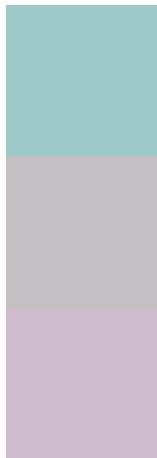


This preview shows how white text looks on a background with the CIELCh color 78, 15.204, 196.266.

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

78, 15.204, 196.266

Protanopia

78, 2.199, 332.327

Deuteranopia

78, 11.077, 329.626



Tritanopia
78, 15.357, 232.728

Trichromacy



Original Color
78, 15.204, 196.266

Protanomaly
78, 5.061, 205.214

Deuteranomaly
78, 5.527, 275.644

Tritanomaly
78, 14.692, 219.983

Monochromacy



Original Color
78, 15.204, 196.266

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 5.819, 193.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 15.204, 196.266 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(157, 201, 200)` looks like.

```
.text, #text, p{  
    color:rgb(157, 201, 200)  
}
```

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(157, 201, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 201, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 15.204, 196.266 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(157, 201, 200) }
```

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

```
.border{ border-color:rgb(157, 201, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 201, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 201, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 201, 200);  
box-shadow:4px 4px 4px 4px rgb(157, 201,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 15.204, 196.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 201, 200) }
```

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

```
.background{ background-color: rgb(157,  
201, 200) }
```

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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