

Converting Colors

CIELCh(78, 16.301, 199.875)

Have a look what the booklet for
CIELCh(78, 16.301, 199.875)
contains.

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Color

CIELCh(78, 16.354, 200.114)

Conversions

Conversions Part 1

Format	Color
Hex	9ACACB
RGB	154, 202, 203
RGB Percent	60%, 79%, 80%
CMY	0.3974, 0.2092, 0.2053
CMYK	0.24, 0.00, 0.00, 0.21
HSL	181°, 32%, 70%
HSV	181°, 24%, 79%
XYZ	45.0409, 53.2120, 64.1822
YIQ	187.7620, -28.9290, -9.8650

Conversions

Conversions Part 2

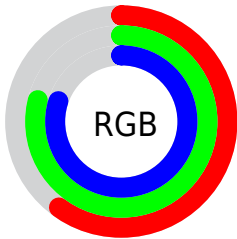
Format	Color
RYB	154, 178, 203
Decimal	10144459
CIELab	78.00, -15.36, -5.62
CIELCh	78, 16.354, 200.114
Yxy	53.2120, 0.2773, 0.3276
Android (android.graphics.Color)	4288334539 (0xFF9ACACB)
YUV	187.7620, 7.5123, -29.6093
Hunter-Lab	72.9466, -17.4416, -1.1038

Details

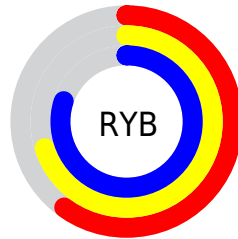
The CIELCh color **78, 16.354, 200.114** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 19.245, 22.794**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.314, 198.486**, and **58, 16.494, 199.891** is the 20% darker color. If you saturate the color by 10%, you get **77, 22.243, 199.757**, and if you desaturate by 10%, it is **79, 9.898, 200.536**.

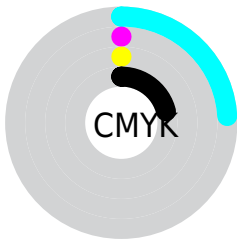
Distribution



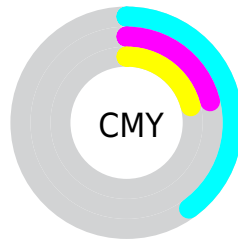
- Red (60%)
- Green (79%)
- Blue (80%)



- Red (60%)
- Yellow (70%)
- Blue (80%)



- Cyan (24%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)





- Cyan (40%)
- Magenta (21%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 16.354, 200.114 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, 16.354, 200.114 by changing the saturation by 10% instead.


 78, 16.354,
200.114


 78, 16.354,
200.114


 100, 16.354,
200.114


 68, 16.354,
200.114


 98, 16.354,
200.114

 58, 16.354,
200.114

 48, 16.354,
200.114

 38, 16.354,
200.114

 28, 16.354,
200.114

 18, 16.354,
200.114

 8, 16.354, 200.114

0, 16.354, 200.114

78, 16.354,
200.114

78, 16.354,
200.114

77, 22.243,
199.757

79, 9.898, 200.536

81, 2.990, 201.122

76, 27.448,
199.482

83, 4.262, 21.301

75, 31.865,
199.291

84, 11.763, 21.914

74, 35.414,
199.192

86, 19.431, 22.484

86, 19.288, 23.113

74, 38.051,
199.190

87, 19.146, 23.752

73, 39.782,
199.289

87, 19.006, 24.400

■ 73, 40.680,
199.489

■ 87, 18.868, 25.059

■ 73, 40.953,
199.636

Harmonies

Complementary

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



78, 16.354, 200.114



68, 19.245, 22.794

Rectangle

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



78, 16.354, 200.114



78, 16.354, 250.114



78, 16.354, 20.114



78, 16.354, 70.114

Sweetspot

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



78, 16.355, 200.109



99, 6.002, 200.908



77, 31.711, 143.280



53, 3.894, 200.871



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, 16.355, 200.109



95, 23.190, 199.916



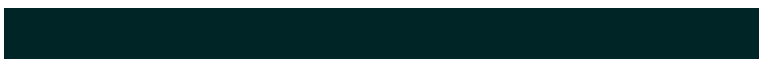
71, 15.736, 260.828



42, 4.034, 200.775



61, 35.284, 199.588



13, 13.210, 198.911

Inverse Universe

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



69, 31.648, 326.309



83, 45.690, 326.592



74, 16.678, 74.163



40, 7.435, 325.483



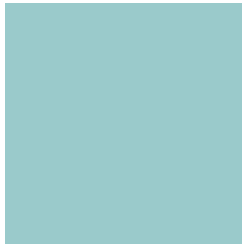
39, 82.398, 329.051



5, 28.574, 328.154

Previews

White Background



This preview shows how the CIELCh color 78, 16.354, 200.114 looks on a white background.

Color Contrast Check

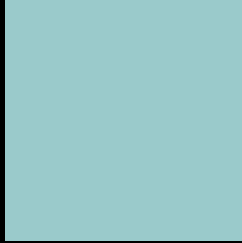
Large Text (above 18pt) WCAG AA × Fail

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, 16.354, 200.114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

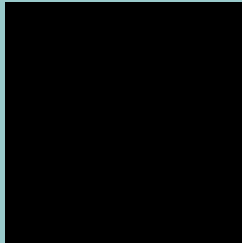
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 16.354, 200.114

Background



This preview shows how black text looks on a background with the CIELCh color 78, 16.354, 200.114.

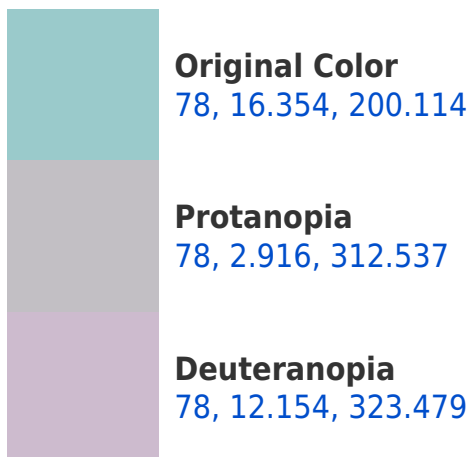


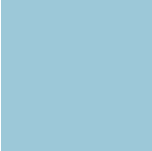
This preview shows how white text looks on a background with the CIELCh color 78, 16.354, 200.114.

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, 16.644, 229.673

Trichromacy



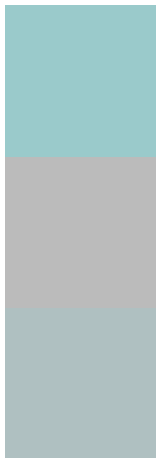
Original Color
78, 16.354, 200.114

Protanomaly
78, 5.913, 214.887

Deuteranomaly
78, 7.250, 273.727

Tritanomaly
78, 16.137, 217.869

Monochromacy



Original Color
78, 16.354, 200.114

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 6.128, 204.064

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 16.354, 200.114 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(154, 202, 203)` looks like.

```
.text, #text, p{  
    color:rgb(154, 202, 203)  
}
```

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(154, 202, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 202, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 16.354, 200.114 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(154, 202, 203) }
```

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

```
.border{ border-color:rgb(154, 202, 203) }
```

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

Here you see how a box with a 4 pixel rgb(154, 202, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 202, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 202, 203);  
box-shadow:4px 4px 4px 4px rgb(154, 202,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 16.354, 200.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 202, 203) }
```

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

```
.background{ background-color: rgb(154,  
202, 203) }
```

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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