

Converting Colors

CIELCh(78, 16.131, 208.389)

Have a look what the booklet for
CIELCh(78, 16.131, 208.389)
contains.

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Color

CIELCh(78, 16.043, 207.958)

Conversions

Conversions Part 1

Format	Color
Hex	9AC9CE
RGB	154, 201, 206
RGB Percent	60%, 79%, 81%
CMY	0.3954, 0.2110, 0.1914
CMYK	0.25, 0.02, 0.00, 0.19
HSL	186°, 35%, 71%
HSV	186°, 25%, 81%
XYZ	45.4532, 53.2120, 66.3855
YIQ	187.5170, -29.6170, -8.4090

Conversions

Conversions Part 2

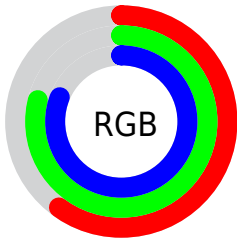
Format	Color
RYB	154, 179, 206
Decimal	10144206
CIELab	78.00, -14.17, -7.52
CIELCh	78, 16.043, 207.958
Yxy	53.2120, 0.2754, 0.3224
Android (android.graphics.Color)	4288334286 (0xFF9AC9CE)
YUV	187.5170, 9.1121, -29.3944
Hunter-Lab	72.9466, -16.4326, -2.8947

Details

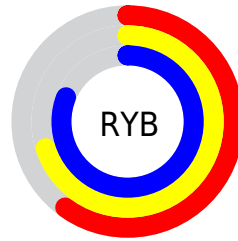
The CIELCh color **78, 16.043, 207.958** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 19.115, 29.183**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.314, 198.486**, and **58, 16.137, 208.213** is the 20% darker color. If you saturate the color by 10%, you get **76, 21.529, 208.017**, and if you desaturate by 10%, it is **80, 10.006, 208.021**.

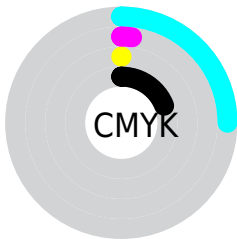
Distribution



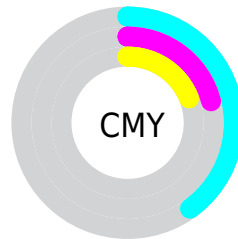
- Red (60%)
- Green (79%)
- Blue (81%)



- Red (60%)
- Yellow (70%)
- Blue (81%)



- Cyan (25%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)





- Cyan (40%)
- Magenta (21%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 16.043, 207.958 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, 16.043, 207.958 by changing the saturation by 10% instead.


 78, 16.043,
207.958


 78, 16.043,
207.958


 100, 16.043,
207.958


 68, 16.043,
207.958


 98, 16.043,
207.958


 58, 16.043,
207.958

 48, 16.043,
207.958

 38, 16.043,
207.958

 28, 16.043,
207.958

 18, 16.043,
207.958

 8, 16.043, 207.958

■ 0, 16.043, 207.958

■ 78, 16.043,
207.958

■ 78, 16.043,
207.958

■ 76, 21.529,
208.017

■ 80, 10.006,
208.021

■ 75, 26.352,
208.235

■ 82, 3.526, 208.269

■ 73, 30.410,
208.635

■ 84, 3.297, 28.153

■ 86, 10.375, 28.547

■ 72, 33.620,
209.253

■ 88, 16.764, 29.261

■ 71, 35.936,
210.125

■ 89, 16.233, 33.133

■ 89, 15.783, 37.246

■ 70, 37.367,
211.289

■ 90, 15.420, 41.576

■ 70, 37.988,
212.772

■ 90, 15.152, 46.085

■ 69, 38.121,
213.555

Harmonies

Complementary

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



78, 16.043, 207.958



70, 19.115, 29.183

Rectangle

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



78, 16.043, 207.958



78, 16.043, 257.958



78, 16.043, 27.958



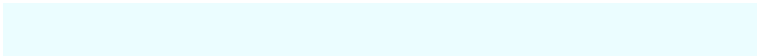
78, 16.043, 77.958

Sweetspot

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



78, 16.043, 207.953



98, 6.373, 208.162



78, 32.045, 145.040



52, 4.511, 208.123



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, 16.043, 207.953



93, 22.234, 207.968



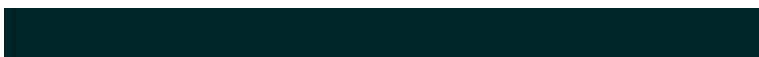
71, 17.862, 267.726



42, 3.757, 208.128



57, 32.448, 213.259



11, 12.295, 209.422

Inverse Universe

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



70, 31.802, 328.608



82, 44.883, 328.911



76, 18.485, 80.597



40, 7.058, 327.669



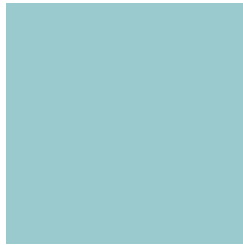
38, 77.679, 332.432



5, 26.869, 330.866

Previews

White Background



This preview shows how the CIE LCh color 78, 16.043, 207.958 looks on a white background.

Color Contrast Check

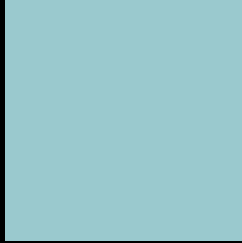
Large Text (above 18pt) WCAG AA × Fail

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, 16.043, 207.958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

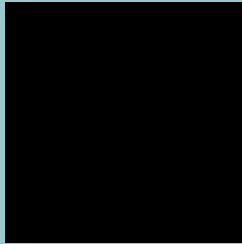
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

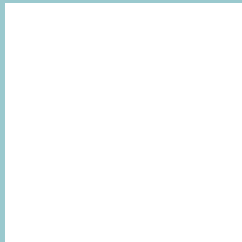
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 16.043, 207.958

Background



This preview shows how black text looks on a background with the CIELCh color 78, 16.043, 207.958.



This preview shows how white text looks on a background with the CIELCh color 78, 16.043, 207.958.

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, 16.043, 207.958

Protanopia
78, 4.895, 299.139

Deuteranopia
78, 13.193, 317.020



Tritanopia
78, 16.644, 229.673

Trichromacy



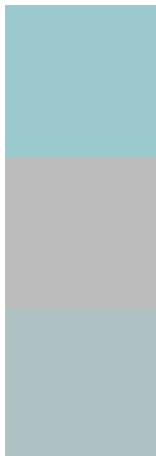
Original Color
78, 16.043, 207.958

Protanomaly
78, 6.730, 233.066

Deuteranomaly
78, 8.878, 274.834

Tritanomaly
78, 16.143, 222.032

Monochromacy



Original Color
78, 16.043, 207.958

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 6.169, 209.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 16.043, 207.958 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, 201, 206)` looks like.

```
.text, #text, p{  
    color:rgb(154, 201, 206)  
}
```

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, 201, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 201, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 16.043, 207.958 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, 201, 206) }
```

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

```
.border{ border-color:rgb(154, 201, 206) }
```

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

Here you see how a box with a 4 pixel rgb(154, 201, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 201, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 201, 206);  
box-shadow:4px 4px 4px 4px rgb(154, 201,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 16.043, 207.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 201, 206) }
```

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

```
.background{ background-color: rgb(154,  
201, 206) }
```

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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