

Converting Colors

CIELCh(78, 16.714, 201.456)

Have a look what the booklet for
CIELCh(78, 16.714, 201.456)
contains.

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Color

CIELCh(78, 16.635, 201.927)

Conversions

Conversions Part 1

Format	Color
Hex	99CACC
RGB	153, 202, 204
RGB Percent	60%, 79%, 80%
CMY	0.4010, 0.2089, 0.2010
CMYK	0.25, 0.01, 0.00, 0.20
HSL	182°, 33%, 70%
HSV	182°, 25%, 80%
XYZ	45.0149, 53.2120, 64.8596
YIQ	187.5770, -29.8460, -9.7660

Conversions

Conversions Part 2

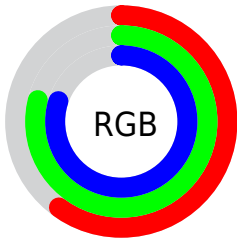
Format	Color
R _{YB}	153, 178, 204
Decimal	10078924
CIE Lab	78.00, -15.43, -6.21
CIE LCh	78, 16.635, 201.927
Yxy	53.2120, 0.2760, 0.3263
Android (android.graphics.Color)	4288269004 (0xFF99CACC)
YUV	187.5770, 8.0965, -30.3240
Hunter-Lab	72.9466, -17.5052, -1.6545

Details

The CIELCh color **78, 16.635, 201.927** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 19.732, 24.359**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.627, 198.466**, and **58, 16.753, 201.809** is the 20% darker color. If you saturate the color by 10%, you get **77, 22.380, 201.669**, and if you desaturate by 10%, it is **79, 10.319, 202.263**.

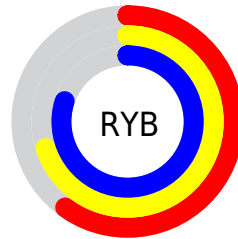
Distribution



Red (60%)

Green (79%)

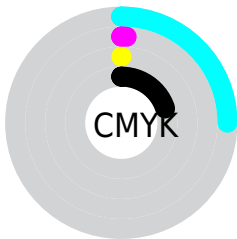
Blue (80%)



Red (60%)

Yellow (70%)

Blue (80%)

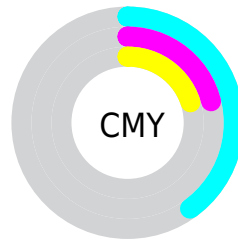


Cyan (25%)

Magenta (1%)

Yellow (0%)

Black (20%)



Cyan (40%)


Magenta (21%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 16.635, 201.927 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, 16.635, 201.927 by changing the saturation by 10% instead.


 78, 16.635,
201.927


 78, 16.635,
201.927


 100, 16.635,
201.927


 68, 16.635,
201.927


 98, 16.635,
201.927

 58, 16.635,
201.927

 48, 16.635,
201.927

 38, 16.635,
201.927

 28, 16.635,
201.927

 18, 16.635,
201.927

 8, 16.635, 201.927

■ 0, 16.635, 201.927

■ 78, 16.635,
201.927

■ 78, 16.635,
201.927

■ 77, 22.380,
201.669

■ 79, 10.319,
202.263

■ 76, 27.438,
201.510

■ 81, 3.544, 202.748

■ 75, 31.706,
201.458

■ 83, 3.581, 22.863

■ 85, 10.963, 23.438

■ 74, 35.102,
201.524

■ 87, 18.521, 23.955

■ 73, 37.587,
201.723

■ 87, 18.404, 25.240

■ 87, 18.148, 26.576

■ 73, 39.168,
202.063

■ 87, 17.903, 27.950

■ 72, 39.920,
202.549

■ 88, 17.668, 29.362

■ 72, 40.109,
202.824

Harmonies

Complementary

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



78, 16.635, 201.927



68, 19.732, 24.359

Rectangle

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



78, 16.635, 201.927



78, 16.635, 251.927



78, 16.635, 21.927



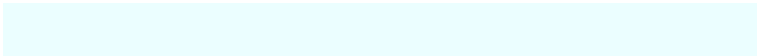
78, 16.635, 71.927

Sweetspot

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



78, 16.635, 201.922



98, 6.716, 202.566



77, 32.601, 143.657



52, 4.754, 202.491



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, 16.635, 201.922



94, 23.444, 201.775



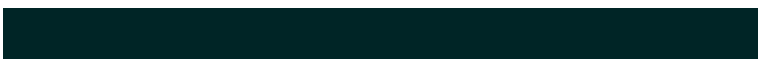
71, 16.633, 262.745



42, 3.960, 202.502



60, 34.431, 202.725



12, 12.950, 201.355

Inverse Universe

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



69, 32.490, 326.889



82, 46.651, 327.185



75, 17.549, 75.752



40, 7.340, 326.004



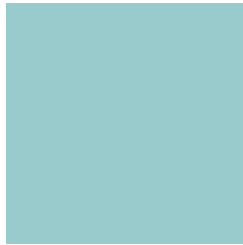
39, 81.201, 329.839



5, 28.145, 328.787

Previews

White Background



This preview shows how the CIELCh color 78, 16.635, 201.927 looks on a white background.

Color Contrast Check

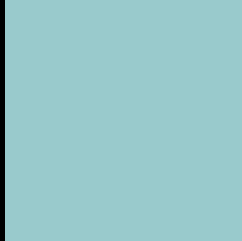
Large Text (above 18pt) WCAG AA × Fail

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, 16.635, 201.927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

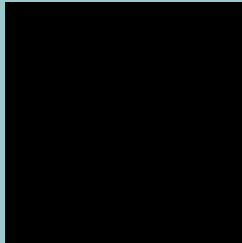
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

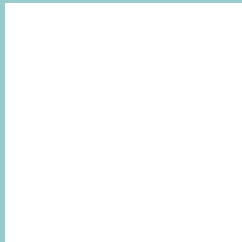
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 16.635, 201.927

Background



This preview shows how black text looks on a background with the CIELCh color 78, 16.635, 201.927.

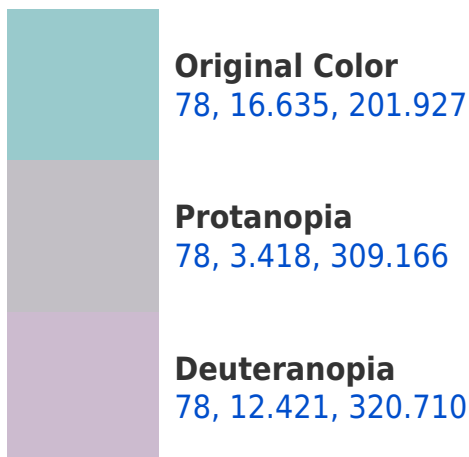


This preview shows how white text looks on a background with the CIELCh color 78, 16.635, 201.927.

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, 16.905, 229.126

Trichromacy



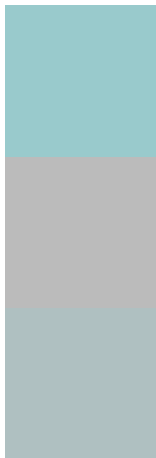
Original Color
78, 16.635, 201.927

Protanomaly
78, 6.057, 219.855

Deuteranomaly
78, 7.859, 272.491

Tritanomaly
78, 16.553, 219.337

Monochromacy



Original Color
78, 16.635, 201.927

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, 16.635, 201.927 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(153, 202, 204)` looks like.

```
.text, #text, p{  
    color:rgb(153, 202, 204)  
}
```

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(153, 202, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 202, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 16.635, 201.927 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(153, 202, 204) }
```

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

```
.border{ border-color:rgb(153, 202, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 202, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 202, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 202, 204);  
box-shadow:4px 4px 4px 4px rgb(153, 202,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 16.635, 201.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 202, 204) }
```

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

```
.background{ background-color: rgb(153,  
202, 204) }
```

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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