

Converting Colors

CIELCh(78, 15.498, 198.629)

Have a look what the booklet for
CIELCh(78, 15.498, 198.629)
contains.

CIELCh(78, 15.462, 198.282)	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, 15.462, 198.282)

Conversions

Conversions Part 1

Format	Color
Hex	9CC9C9
RGB	156, 201, 201
RGB Percent	61%, 79%, 79%
CMY	0.3873, 0.2108, 0.2108
CMYK	0.22, 0.00, 0.00, 0.21
HSL	180°, 30%, 70%
HSV	180°, 22%, 79%
XYZ	45.2753, 53.2120, 63.2980
YIQ	187.5450, -26.8200, -9.5400

Conversions

Conversions Part 2

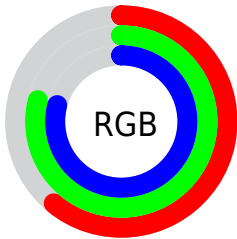
Format	Color
RYB	156, 179, 201
Decimal	10275273
CIELab	78.00, -14.68, -4.85
CIELCh	78, 15.462, 198.282
Yxy	53.2120, 0.2798, 0.3289
Android (android.graphics.Color)	4288465353 (0xFF9CC9C9)
YUV	187.5450, 6.6333, -27.6650
Hunter-Lab	72.9466, -16.8680, -0.3852

Details

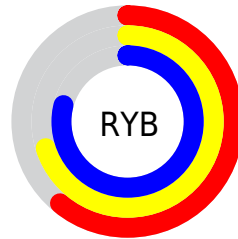
The CIELCh color **78, 15.462, 198.282** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 17.925, 21.049**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 14.683, 198.527**, and **58, 15.629, 197.965** is the 20% darker color. If you saturate the color by 10%, you get **77, 21.563, 197.821**, and if you desaturate by 10%, it is **79, 8.811, 198.797**.

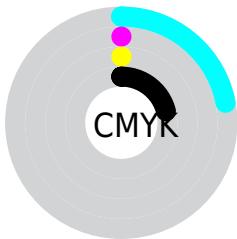
Distribution



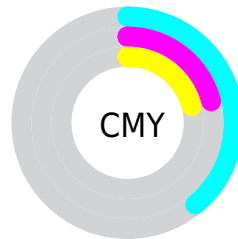
- Red (61%)
- Green (79%)
- Blue (79%)



- Red (61%)
- Yellow (70%)
- Blue (79%)



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





- Cyan (39%)
- Magenta (21%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 15.462, 198.282 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, 15.462, 198.282 by changing the saturation by 10% instead.


 78, 15.462,
198.282


 78, 15.462,
198.282


 100, 15.462,
198.282


 68, 15.462,
198.282


 98, 15.462,
198.282

 58, 15.462,
198.282

 48, 15.462,
198.282

 38, 15.462,
198.282

 28, 15.462,
198.282

 18, 15.462,
198.282

 8, 15.462, 198.282

■ 0, 15.462, 198.282

■ 78, 15.462,
198.282

■ 78, 15.462,
198.282

■ 77, 21.563,
197.821

■ 79, 8.811, 198.797

■ 81, 1.725, 199.590

■ 76, 26.995,
197.426

■ 82, 5.687, 19.737

■ 75, 31.652,
197.093

■ 84, 13.330, 20.385

■ 75, 35.451,
196.825

■ 86, 20.392, 20.951

■ 86, 20.392, 20.948

■ 74, 38.343,
196.624

■ 86, 20.392, 20.946

■ 74, 40.330,
196.486

■ 86, 20.392, 20.944

■ 74, 41.472,
196.407

■ 86, 20.392, 20.942

■ 74, 41.934,
196.375

Harmonies

Complementary

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



78, 15.462, 198.282



69, 17.925, 21.049

Rectangle

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



78, 15.462, 198.282



78, 15.462, 248.282



78, 15.462, 18.282



78, 15.462, 68.282

Sweetspot

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



78, 15.463, 198.277



99, 6.127, 199.119



77, 29.340, 142.579



53, 3.975, 199.078



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, 15.463, 198.277



96, 22.226, 198.041



72, 14.051, 256.824



41, 4.034, 198.972



61, 35.890, 196.375



12, 12.984, 196.378

Inverse Universe

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



69, 17.925, 21.049



82, 26.729, 21.583



74, 15.006, 70.880



39, 4.279, 19.917



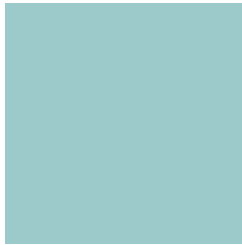
34, 74.641, 39.773



3, 15.885, 19.401

Previews

White Background



This preview shows how the CIELCh color 78, 15.462, 198.282 looks on a white background.

Color Contrast Check

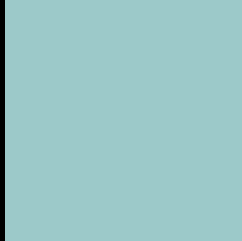
Large Text (above 18pt) WCAG AA × Fail

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, 15.462, 198.282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

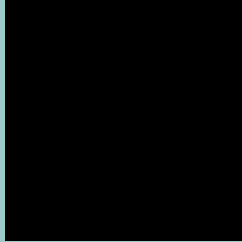
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

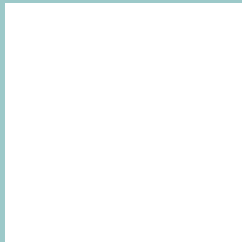
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 15.462, 198.282

Background



This preview shows how black text looks on a background with the CIELCh color 78, 15.462, 198.282.



This preview shows how white text looks on a background with the CIELCh color 78, 15.462, 198.282.

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, 15.615, 232.075

Trichromacy



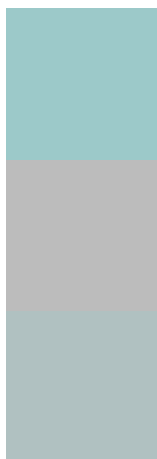
Original Color
78, 15.462, 198.282

Protanomaly
78, 5.124, 211.225

Deuteranomaly
78, 6.045, 277.037

Tritanomaly
78, 14.983, 219.527

Monochromacy



Original Color
78, 15.462, 198.282

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 6.124, 199.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 15.462, 198.282 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(156, 201, 201)` looks like.

```
.text, #text, p{  
    color:rgb(156, 201, 201)  
}
```

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(156, 201, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 201, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 15.462, 198.282 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(156, 201, 201) }
```

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

```
.border{ border-color:rgb(156, 201, 201) }
```

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

Here you see how a box with a 4 pixel rgb(156, 201, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 201, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 201, 201);  
box-shadow:4px 4px 4px 4px rgb(156, 201,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 15.462, 198.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 201, 201) }
```

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

```
.background{ background-color: rgb(156,  
201, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor