

Converting Colors

CIELCh(78, 15.617, 188.541)

Have a look what the booklet for
CIELCh(78, 15.617, 188.541)
contains.

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Color

CIELCh(78, 15.492, 190.273)

Conversions

Conversions Part 1

Format	Color
Hex	9DC9C5
RGB	157, 201, 197
RGB Percent	62%, 79%, 77%
CMY	0.3828, 0.2102, 0.2259
CMYK	0.22, 0.00, 0.02, 0.21
HSL	175°, 29%, 70%
HSV	175°, 22%, 79%
XYZ	45.0800, 53.2120, 60.9527
YIQ	187.3880, -24.9400, -10.5720

Conversions

Conversions Part 2

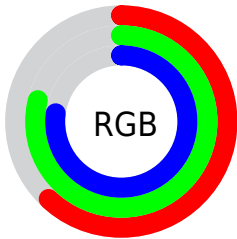
Format	Color
RYB	157, 180, 201
Decimal	10340805
CIELab	78.00, -15.24, -2.76
CIELCh	78, 15.492, 190.273
Yxy	53.2120, 0.2831, 0.3342
Android (android.graphics.Color)	4288530885 (0xFF9DC9C5)
YUV	187.3880, 4.7387, -26.6503
Hunter-Lab	72.9466, -17.3458, 1.5210

Details

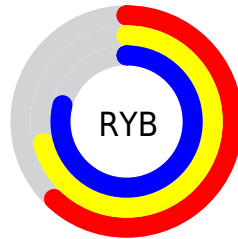
The CIELCh color **78, 15.492, 190.273** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 17.449, 13.883**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 14.415, 196.499**, and **58, 15.424, 189.428** is the 20% darker color. If you saturate the color by 10%, you get **77, 21.908, 189.492**, and if you desaturate by 10%, it is **79, 8.607, 191.053**.

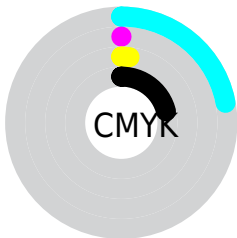
Distribution



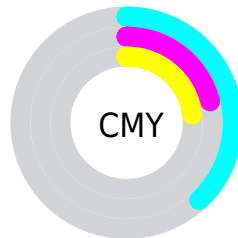
- Red (62%)
- Green (79%)
- Blue (77%)



- Red (62%)
- Yellow (71%)
- Blue (79%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (21%)





- Cyan (38%)
- Magenta (21%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 15.492, 190.273 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, 15.492, 190.273 by changing the saturation by 10% instead.


 78, 15.492,
190.273


 78, 15.492,
190.273


 100, 15.492,
190.273


 68, 15.492,
190.273


 98, 15.492,
190.273

 58, 15.492,
190.273

 48, 15.492,
190.273

 38, 15.492,
190.273

 28, 15.492,
190.273

 18, 15.492,
190.273

 8, 15.492, 190.273

0, 15.492, 190.273

78, 15.492,
190.273

78, 15.492,
190.273

77, 21.908,
189.492

79, 8.607, 191.053

81, 1.370, 192.136

76, 27.730,
188.709

82, 6.115, 12.399

75, 32.841,
187.907

84, 13.755, 13.187

74, 37.141,
187.075

86, 20.300, 13.411

86, 20.377, 10.745

74, 40.562,
186.198

86, 20.501, 8.106

73, 43.086,
185.260

86, 20.669, 5.506

■ 73, 44.756,
184.242

■ 86, 20.882, 2.955

■ 73, 45.650,
183.364

Harmonies

Complementary

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



78, 15.492, 190.273



69, 17.449, 13.883

Rectangle

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



78, 15.492, 190.273



78, 15.492, 240.273



78, 15.492, 10.273



78, 15.492, 60.273

Sweetspot

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



78, 15.493, 190.268



99, 6.213, 191.452



77, 27.920, 140.484



53, 4.033, 191.398



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, 15.493, 190.268



96, 22.039, 189.919



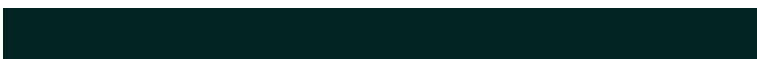
73, 12.951, 246.676



41, 4.097, 191.256



60, 38.992, 183.543



12, 13.811, 186.191

Inverse Universe

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



69, 17.449, 13.883



83, 25.501, 14.433



73, 14.239, 61.670



39, 4.302, 12.575



34, 71.042, 35.875



3, 15.956, 14.696

Previews

White Background



This preview shows how the CIE LCh color 78, 15.492, 190.273 looks on a white background.

Color Contrast Check

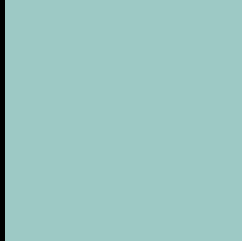
Large Text (above 18pt) WCAG AA × Fail

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, 15.492, 190.273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

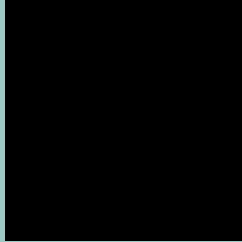
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

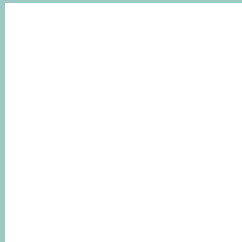
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 15.492, 190.273

Background



This preview shows how black text looks on a background with the CIELCh color 78, 15.492, 190.273.



This preview shows how white text looks on a background with the CIELCh color 78, 15.492, 190.273.

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, 15.492, 190.273

Protanopia
78, 1.933, 3.218

Deuteranopia
78, 10.163, 337.037



Tritanopia
78, 15.100, 233.404

Trichromacy



Original Color
78, 15.492, 190.273

Protanomaly
78, 4.748, 192.663

Deuteranomaly
78, 3.893, 274.373

Tritanomaly
78, 14.258, 218.360

Monochromacy



Original Color
78, 15.492, 190.273

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 5.914, 188.550

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 15.492, 190.273 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(157, 201, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 201, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 15.492, 190.273 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, 197) }
```

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

```
.border{ border-color:rgb(157, 201, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 201, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 201, 197);  
box-shadow:4px 4px 4px 4px rgb(157, 201,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 15.492, 190.273 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, 197) }
```

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

```
.background{ background-color: rgb(157,  
201, 197) }
```

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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