

Converting Colors

CIELCh(80, 15.723, 197.712)

Have a look what the booklet for
CIELCh(80, 15.723, 197.712)
contains.

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Color

CIELCh(80, 15.725, 198.288)

Conversions

Conversions Part 1

Format	Color
Hex	A1CFCF
RGB	161, 207, 207
RGB Percent	63%, 81%, 81%
CMY	0.3688, 0.1884, 0.1884
CMYK	0.22, 0.00, 0.00, 0.19
HSL	180°, 32%, 72%
HSV	180°, 22%, 81%
XYZ	48.2500, 56.6813, 67.4021
YIQ	193.2460, -27.4160, -9.7520

Conversions

Conversions Part 2

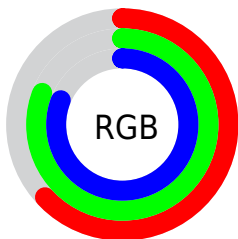
Format	Color
RYB	161, 184, 207
Decimal	10604495
CIELab	80.00, -14.93, -4.93
CIElCh	80, 15.725, 198.288
Yxy	56.6813, 0.2800, 0.3289
Android (android.graphics.Color)	4288794575 (0xFFA1CFCF)
YUV	193.2460, 6.7807, -28.2797
Hunter-Lab	75.2870, -17.3549, -0.3796

Details

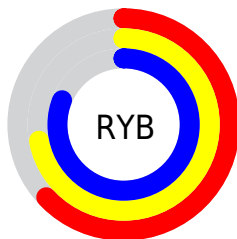
The CIELCh color **80, 15.725, 198.288** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 18.217, 21.040**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 12.771, 198.653**, and **60, 15.893, 197.983** is the 20% darker color. If you saturate the color by 10%, you get **79, 21.972, 197.826**, and if you desaturate by 10%, it is **81, 8.916, 198.805**.

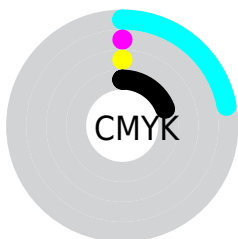
Distribution



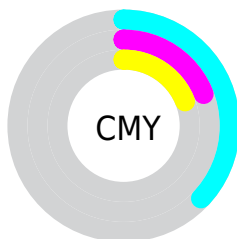
- Red (63%)
- Green (81%)
- Blue (81%)



- Red (63%)
- Yellow (72%)
- Blue (81%)



- Cyan (22%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)





- Cyan (37%)
- Magenta (19%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 15.725, 198.288 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 80, 15.725, 198.288 by changing the saturation by 10% instead.


 80, 15.725,
198.288


 80, 15.725,
198.288


 100, 15.725,
198.288


 70, 15.725,
198.288


 60, 15.725,
198.288

 50, 15.725,
198.288

 40, 15.725,
198.288

 30, 15.725,
198.288

 20, 15.725,
198.288

 10, 15.725,

198.288

0, 15.725, 198.288

80, 15.725,
198.288

80, 15.725,
198.288

79, 21.972,
197.826

81, 8.916, 198.805

78, 27.534,
197.429

83, 1.662, 199.617

84, 5.924, 19.749

77, 32.303,
197.096

86, 13.746, 20.396

77, 36.192,
196.827

87, 18.067, 20.735

87, 18.067, 20.733

76, 39.152,
196.626

87, 18.067, 20.731

■ 76, 41.184,
196.488

■ 87, 18.067, 20.729

■ 76, 42.351,
196.409

■ 87, 18.067, 20.727

■ 76, 42.820,
196.377

Harmonies

Complementary

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



80, 15.725, 198.288



70, 18.217, 21.040

Rectangle

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



80, 15.725, 198.288



80, 15.725, 248.288



80, 15.725, 18.288



80, 15.725, 68.288

Sweetspot

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



80, 15.726, 198.283



99, 6.127, 199.120



79, 29.829, 142.586



53, 3.975, 199.079



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80, 15.726, 198.283



96, 22.226, 198.042



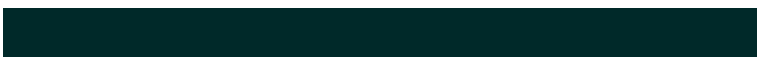
74, 14.287, 256.807



43, 4.203, 198.970



62, 36.714, 196.377



14, 14.039, 196.379

Inverse Universe

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



70, 18.217, 21.040



82, 26.729, 21.584



76, 15.253, 70.892



41, 4.460, 19.922



35, 76.453, 39.861



4, 20.018, 19.464

Previews

White Background



This preview shows how the CIE LCh color 80, 15.725, 198.288 looks on a white background.

Color Contrast Check

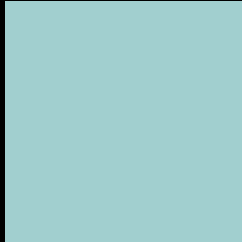
Large Text (above 18pt) WCAG AA × Fail

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 80, 15.725, 198.288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

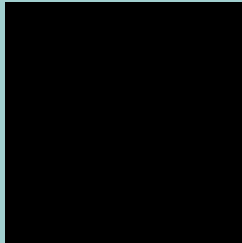
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

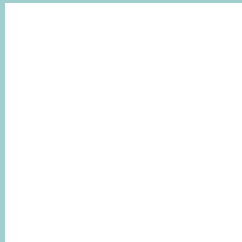
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 15.725, 198.288

Background



This preview shows how black text looks on a background with the CIELCh color 80, 15.725, 198.288.



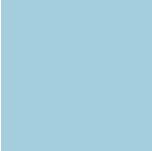
This preview shows how white text looks on a background with the CIELCh color 80, 15.725, 198.288.

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
80, 15.823, 231.369

Trichromacy



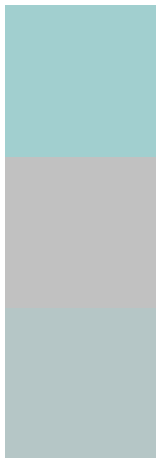
Original Color
80, 15.725, 198.288

Protanomaly
80, 5.442, 210.427

Deuteranomaly
80, 6.535, 278.195

Tritanomaly
80, 15.228, 219.053

Monochromacy



Original Color
80, 15.725, 198.288

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 6.098, 199.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 15.725, 198.288 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(161, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(161, 207, 207)  
}
```

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(161, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 207, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 15.725, 198.288 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(161, 207, 207) }
```

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

```
.border{ border-color:rgb(161, 207, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 207, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(161, 207,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 15.725, 198.288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 207, 207) }
```

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

```
.background{ background-color: rgb(161,  
207, 207) }
```

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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