

Converting Colors

CIELCh(80, 17.512, 210.306)

Have a look what the booklet for
CIELCh(80, 17.512, 210.306)
contains.

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Color

CIELCh(80, 17.291, 210.788)

Conversions

Conversions Part 1

Format	Color
Hex	9CCFD6
RGB	156, 207, 214
RGB Percent	61%, 81%, 84%
CMY	0.3874, 0.1874, 0.1600
CMYK	0.27, 0.03, 0.00, 0.16
HSL	187°, 42%, 73%
HSV	187°, 27%, 84%
XYZ	48.2778, 56.6813, 72.1555
YIQ	192.5490, -32.6430, -8.6350

Conversions

Conversions Part 2

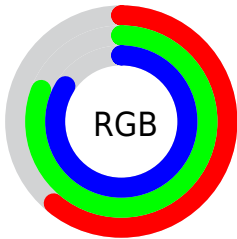
Format	Color
R _{YB}	156, 183, 214
Decimal	10276822
CIE _{Lab}	80.00, -14.85, -8.85
CIE _{LCh}	80, 17.291, 210.788
Y _{xy}	56.6813, 0.2726, 0.3200
Android (android.graphics.Color)	4288466902 (0xFF9CCFD6)
YUV	192.5490, 10.5753, -32.0535
Hunter-Lab	75.2870, -17.2889, -4.1230

Details

The CIELCh color **80, 17.291, 210.788** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 20.918, 31.503**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 14.367, 198.548**, and **60, 17.311, 209.316** is the 20% darker color. If you saturate the color by 10%, you get **78, 22.722, 211.031**, and if you desaturate by 10%, it is **82, 11.284, 210.694**.

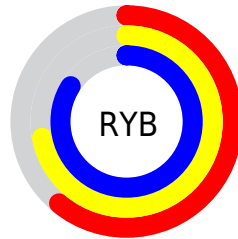
Distribution



Red (61%)

Green (81%)

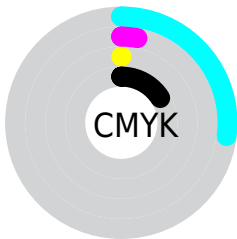
Blue (84%)



Red (61%)

Yellow (72%)

Blue (84%)

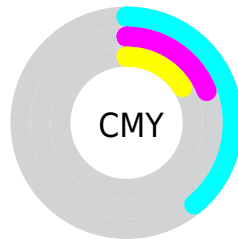


Cyan (27%)

Magenta (3%)

Yellow (0%)

Black (16%)



Cyan (39%)


Magenta (19%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 17.291, 210.788 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, 17.291, 210.788 by changing the saturation by 10% instead.

 80, 17.291,
210.788


 80, 17.291,
210.788


 100, 17.291,
210.788


 70, 17.291,
210.788


 60, 17.291,
210.788

 50, 17.291,
210.788

 40, 17.291,
210.788

 30, 17.291,
210.788

 20, 17.291,
210.788

 10, 17.291,

210.788

0, 17.291, 210.788

80, 17.291,
210.788

80, 17.291,
210.788

78, 22.722,
211.031

82, 11.284,
210.694

76, 27.465,
211.468

84, 4.809, 210.775

86, 2.029, 30.469

75, 31.417,
212.135

89, 9.143, 30.868

74, 34.501,
213.076

90, 13.345, 33.452

72, 36.680,
214.344

91, 12.809, 40.109

92, 12.464, 47.234

■ 71, 37.976,
215.987

■ 92, 12.323, 54.634

■ 70, 38.500,
218.033

■ 93, 12.394, 62.066

■ 70, 38.590,
218.671

Harmonies

Complementary

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



80, 17.291, 210.788



72, 20.918, 31.503

Rectangle

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



80, 17.291, 210.788



80, 17.291, 260.788



80, 17.291, 30.788



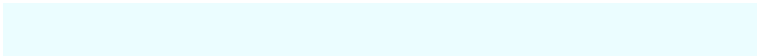
80, 17.291, 80.788

Sweetspot

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



80, 17.291, 210.783



98, 6.245, 210.754



81, 34.659, 145.860



52, 4.421, 210.731



0, 0.000, 0.000



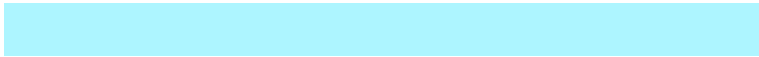
53, 0.007, 296.813

Same Dimension

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



80, 17.291, 210.783



92, 23.057, 210.892



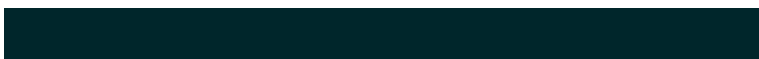
72, 20.564, 271.097



44, 3.832, 210.733



57, 32.636, 218.280



13, 12.985, 213.807

Inverse Universe

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



71, 34.620, 329.507



81, 47.031, 329.826



79, 21.063, 83.388



42, 7.223, 328.433



39, 77.924, 333.667



6, 30.167, 332.394

Previews

White Background



This preview shows how the CIELCh color 80, 17.291, 210.788 looks on a white background.

Color Contrast Check

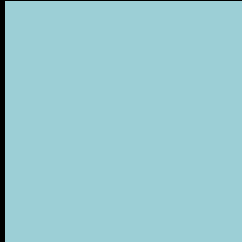
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 80, 17.291, 210.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

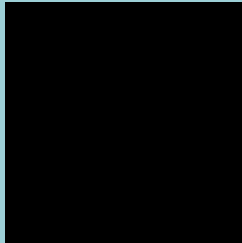
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

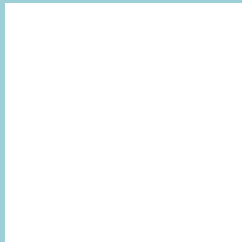
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 17.291, 210.788

Background



This preview shows how black text looks on a background with the CIELCh color 80, 17.291, 210.788.



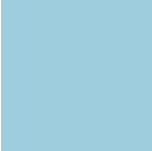
This preview shows how white text looks on a background with the CIELCh color 80, 17.291, 210.788.

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](#).

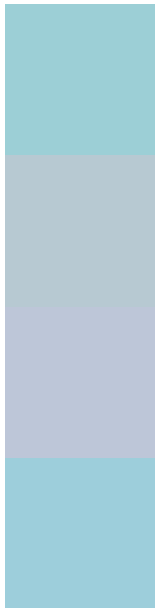
Dichromacy





Tritanopia
80, 17.641, 227.513

Trichromacy



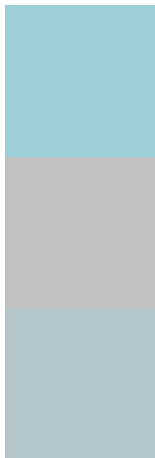
Original Color
80, 17.291, 210.788

Protanomaly
80, 7.832, 236.948

Deuteranomaly
80, 10.031, 272.823

Tritanomaly
80, 17.367, 222.030

Monochromacy



Original Color
80, 17.291, 210.788

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 6.571, 213.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 17.291, 210.788 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, 207, 214)` looks like.

```
.text, #text, p{  
    color:rgb(156, 207, 214)  
}
```

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, 207, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 207, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 17.291, 210.788 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, 207, 214) }
```

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

```
.border{ border-color:rgb(156, 207, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 207, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 207, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 207, 214);  
box-shadow:4px 4px 4px 4px rgb(156, 207,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 17.291, 210.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 207, 214) }
```

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

```
.background{ background-color: rgb(156,  
207, 214) }
```

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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