

Converting Colors

CIELCh(80, 19.223, 212.461)

Have a look what the booklet for
CIELCh(80, 19.223, 212.461)
contains.

CIELCh(80, 19.148, 212.752)	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(80, 19.148, 212.752)

Conversions

Conversions Part 1

Format	Color
Hex	97D0D9
RGB	151, 208, 217
RGB Percent	59%, 82%, 85%
CMY	0.4080, 0.1844, 0.1491
CMYK	0.30, 0.04, 0.00, 0.15
HSL	188°, 46%, 72%
HSV	188°, 30%, 85%
XYZ	47.8255, 56.6813, 74.0445
YIQ	191.9830, -36.8610, -9.2850

Conversions

Conversions Part 2

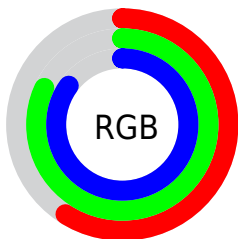
Format	Color
RYB	151, 182, 217
Decimal	9949401
CIELab	80.00, -16.10, -10.36
CIElCh	80, 19.148, 212.752
Yxy	56.6813, 0.2679, 0.3175
Android (android.graphics.Color)	4288139481 (0xFF97D0D9)
YUV	191.9830, 12.3334, -35.9421
Hunter-Lab	75.2870, -18.3613, -5.6106

Details

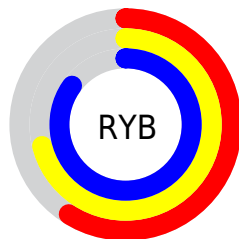
The CIELCh color **80, 19.148, 212.752** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 23.790, 33.115**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.940, 198.446**, and **60, 19.348, 211.418** is the 20% darker color. If you saturate the color by 10%, you get **78, 24.360, 213.165**, and if you desaturate by 10%, it is **82, 13.326, 212.515**.

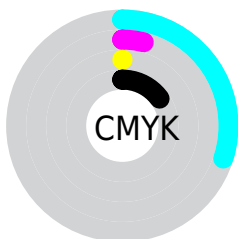
Distribution



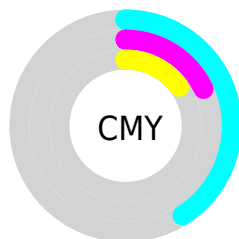
- Red (59%)
- Green (82%)
- Blue (85%)



- Red (59%)
- Yellow (71%)
- Blue (85%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)





- Cyan (41%)
- Magenta (18%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 19.148, 212.752 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, 19.148, 212.752 by changing the saturation by 10% instead.


 80, 19.148,
212.752


 80, 19.148,
212.752


 100, 19.148,
212.752


 70, 19.148,
212.752

 60, 19.148,
212.752

 50, 19.148,
212.752

 40, 19.148,
212.752

 30, 19.148,
212.752

 20, 19.148,
212.752

 10, 19.148,

212.752

0, 19.148, 212.752

80, 19.148,
212.752

80, 19.148,
212.752

78, 24.360,
213.165

82, 13.326,
212.515

76, 28.854,
213.806

84, 7.005, 212.449

75, 32.533,
214.720

87, 0.289, 214.406

89, 6.729, 32.372

73, 35.332,
215.962

91, 12.322, 34.146

72, 37.235,
217.592

92, 11.761, 42.502

93, 11.475, 51.472

■ 71, 38.290,
219.663

■ 93, 11.485, 60.646

■ 70, 38.701,
222.036

■ 94, 11.787, 69.558

Harmonies

Complementary

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



80, 19.148, 212.752



71, 23.790, 33.115

Rectangle

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



80, 19.148, 212.752



80, 19.148, 262.752



80, 19.148, 32.752



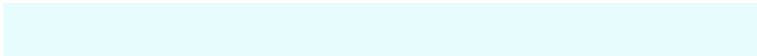
80, 19.148, 82.752

Sweetspot

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



80, 19.148, 212.748



98, 6.923, 212.456



81, 38.846, 146.063



52, 4.792, 212.448



0, 0.000, 0.000



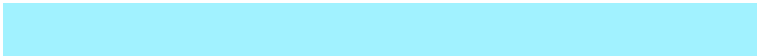
53, 0.007, 296.813

Same Dimension

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



80, 19.148, 212.748



91, 25.787, 213.015



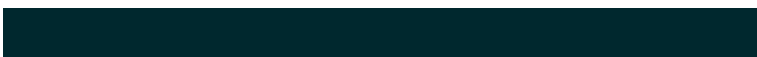
71, 23.850, 273.170



45, 3.860, 212.453



57, 32.765, 221.595



14, 13.311, 216.704

Inverse Universe

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



70, 38.834, 330.233



78, 53.592, 330.664



79, 24.332, 84.395



43, 7.284, 328.934



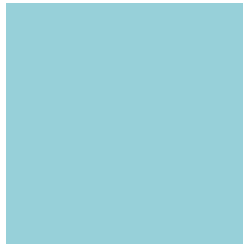
40, 77.826, 334.490



7, 31.403, 333.211

Previews

White Background



This preview shows how the CIELCh color 80, 19.148, 212.752 looks on a white background.

Color Contrast Check

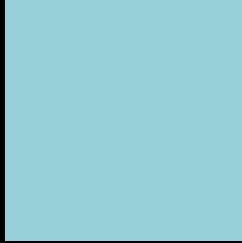
Large Text (above 18pt) WCAG AA × Fail

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, 19.148, 212.752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

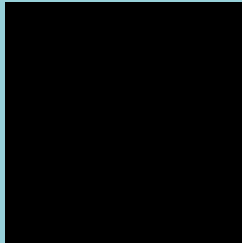
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 19.148, 212.752

Background



This preview shows how black text looks on a background with the CIELCh color 80, 19.148, 212.752.



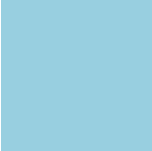
This preview shows how white text looks on a background with the CIELCh color 80, 19.148, 212.752.

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, 19.639, 225.954

Trichromacy



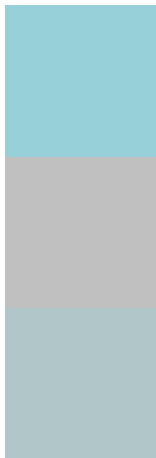
Original Color
80, 19.148, 212.752

Protanomaly
80, 9.445, 246.491

Deuteranomaly
80, 11.844, 270.737

Tritanomaly
80, 19.141, 221.354

Monochromacy



Original Color
80, 19.148, 212.752

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 7.580, 211.186

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 19.148, 212.752 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(151, 208, 217)` looks like.

```
.text, #text, p{  
    color:rgb(151, 208, 217)  
}
```

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(151, 208, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 208, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 19.148, 212.752 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(151, 208, 217) }
```

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

```
.border{ border-color:rgb(151, 208, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 208, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 208, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 208, 217); box-shadow:4px 4px 4px 4px rgb(151, 208, 217) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 19.148, 212.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 208, 217) }
```

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

```
.background{ background-color: rgb(151,  
208, 217) }
```

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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