

Converting Colors

CIELCh(80, 21.063, 203.604)

Have a look what the booklet for
CIELCh(80, 21.063, 203.604)
contains.

CIELCh(80, 21.011, 203.813)	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, 21.011, 203.813)

Conversions

Conversions Part 1

Format	Color
Hex	91D1D5
RGB	145, 209, 213
RGB Percent	57%, 82%, 84%
CMY	0.4298, 0.1788, 0.1631
CMYK	0.32, 0.02, 0.00, 0.16
HSL	184°, 45%, 70%
HSV	184°, 32%, 84%
XYZ	46.7093, 56.6813, 71.7004
YIQ	190.3200, -39.4280, -12.3240

Conversions

Conversions Part 2

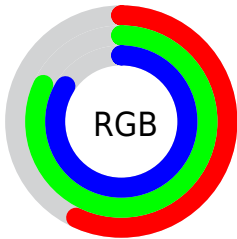
Format	Color
RYB	145, 178, 213
Decimal	9556437
CIELab	80.00, -19.22, -8.48
CIELCh	80, 21.011, 203.813
Yxy	56.6813, 0.2668, 0.3237
Android (android.graphics.Color)	4287746517 (0xFF91D1D5)
YUV	190.3200, 11.1812, -39.7456
Hunter-Lab	75.2870, -21.0079, -3.7646

Details

The CIELCh color **80, 21.011, 203.813** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 26.345, 26.579**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 17.795, 198.327**, and **60, 20.940, 203.841** is the 20% darker color. If you saturate the color by 10%, you get **79, 26.385, 203.735**, and if you desaturate by 10%, it is **82, 14.969, 203.992**.

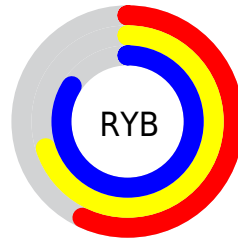
Distribution



Red (57%)

Green (82%)

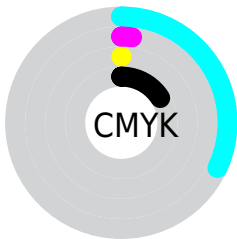
Blue (84%)



Red (57%)

Yellow (70%)

Blue (84%)

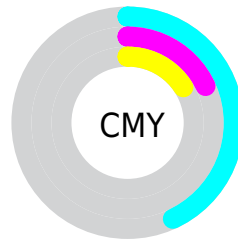


Cyan (32%)

Magenta (2%)

Yellow (0%)

Black (16%)



Cyan (43%)


Magenta (18%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 21.011, 203.813 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, 21.011, 203.813 by changing the saturation by 10% instead.


 80, 21.011,
203.813


 80, 21.011,
203.813


 100, 21.011,
203.813


 70, 21.011,
203.813

 60, 21.011,
203.813

 50, 21.011,
203.813

 40, 21.011,
203.813

 30, 21.011,
203.813

 20, 21.011,
203.813

 10, 21.011,

203.813

0, 21.011, 203.813

80, 21.011,
203.813

80, 21.011,
203.813

79, 26.385,
203.735

82, 14.969,
203.992

77, 30.978,
203.787

83, 8.378, 204.279

76, 34.696,
203.984

85, 1.352, 204.966

87, 6.004, 24.815

76, 37.481,
204.347

89, 13.599, 25.287

75, 39.321,
204.893

90, 14.307, 27.671

90, 13.948, 30.491

■ 74, 40.272,
205.639

■ 90, 13.626, 33.452

■ 91, 13.343, 36.547

■ 74, 40.556,
206.372

Harmonies

Complementary

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



80, 21.011, 203.813



68, 26.345, 26.579

Rectangle

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



80, 21.011, 203.813



80, 21.011, 253.813



80, 21.011, 23.813



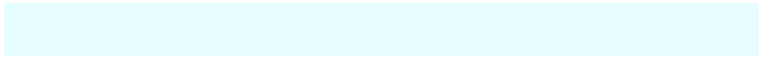
80, 21.011, 73.813

Sweetspot

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



80, 21.011, 203.809



98, 8.195, 204.344



80, 42.548, 143.510



52, 5.570, 204.291



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, 21.011, 203.809



93, 28.134, 203.748



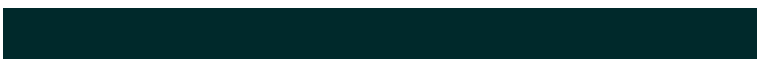
71, 22.352, 265.803



44, 4.045, 204.370



60, 34.396, 206.207



14, 13.658, 204.289

Inverse Universe

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



69, 42.290, 327.850



78, 57.949, 328.209



76, 23.768, 76.500



42, 7.539, 326.565



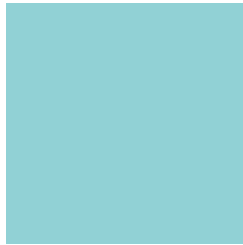
40, 81.771, 330.702



6, 31.575, 330.034

Previews

White Background



This preview shows how the CIE LCh color 80, 21.011, 203.813 looks on a white background.

Color Contrast Check

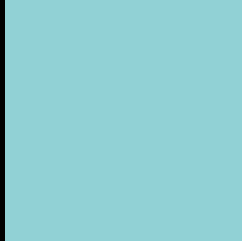
Large Text (above 18pt) WCAG AA × Fail

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, 21.011, 203.813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

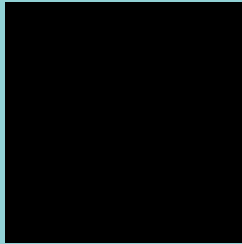
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

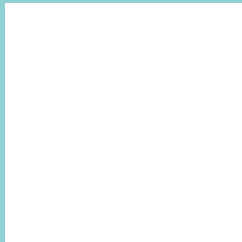
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 21.011, 203.813

Background



This preview shows how black text looks on a background with the CIELCh color 80, 21.011, 203.813.

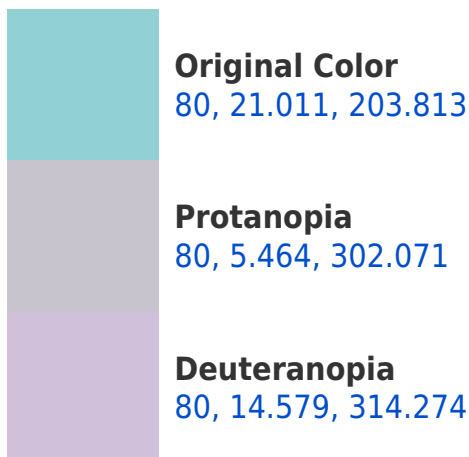


This preview shows how white text looks on a background with the CIELCh color 80, 21.011, 203.813.

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, 20.748, 222.618

Trichromacy



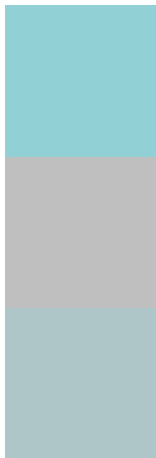
Original Color
80, 21.011, 203.813

Protanomaly
80, 8.403, 229.588

Deuteranomaly
79, 10.508, 265.648

Tritanomaly
80, 20.683, 214.652

Monochromacy



Original Color
80, 21.011, 203.813

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 8.516, 202.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 21.011, 203.813 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(145, 209, 213)` looks like.

```
.text, #text, p{  
    color:rgb(145, 209, 213)  
}
```

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(145, 209, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 209, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 21.011, 203.813 is called "border". The border property can be set on classes, ids or directly on the HTML element.

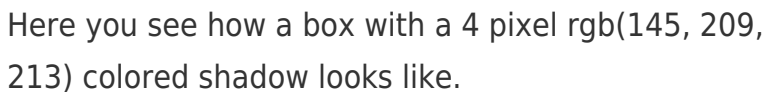
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(145, 209, 213) }
```

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

```
.border{ border-color:rgb(145, 209, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(145, 209, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 209, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 209, 213); box-shadow:4px 4px 4px 4px rgb(145, 209, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 21.011, 203.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 209, 213) }
```

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

```
.background{ background-color: rgb(145,  
209, 213) }
```

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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