

Converting Colors

CIELCh(80, 21.059, 206.996)

Have a look what the booklet for
CIELCh(80, 21.059, 206.996)
contains.

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Color

CIELCh(80, 21.006, 206.792)

Conversions

Conversions Part 1

Format	Color
Hex	91D1D7
RGB	145, 209, 215
RGB Percent	57%, 82%, 84%
CMY	0.4304, 0.1794, 0.1559
CMYK	0.33, 0.03, 0.00, 0.16
HSL	185°, 47%, 71%
HSV	185°, 33%, 84%
XYZ	46.8769, 56.6813, 72.9253
YIQ	190.5480, -40.0700, -11.7020

Conversions

Conversions Part 2

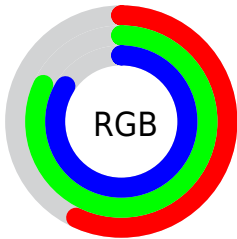
Format	Color
RYB	145, 178, 215
Decimal	9556439
CIELab	80.00, -18.75, -9.47
CIElCh	80, 21.006, 206.792
Yxy	56.6813, 0.2656, 0.3212
Android (android.graphics.Color)	4287746519 (0xFF91D1D7)
YUV	190.5480, 12.0548, -39.9456
Hunter-Lab	75.2870, -20.6105, -4.7292

Details

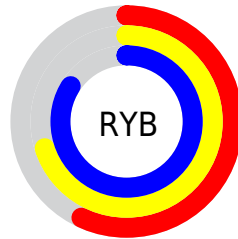
The CIELCh color **80, 21.006, 206.792** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 26.533, 28.831**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 17.795, 198.327**, and **60, 20.906, 207.042** is the 20% darker color. If you saturate the color by 10%, you get **78, 26.236, 206.894**, and if you desaturate by 10%, it is **82, 15.112, 206.819**.

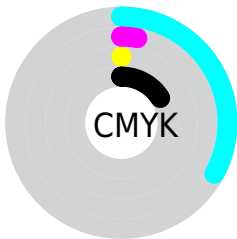
Distribution



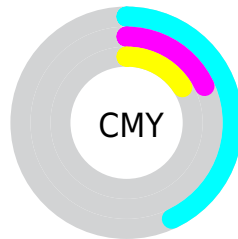
- Red (57%)
- Green (82%)
- Blue (84%)



- Red (57%)
- Yellow (70%)
- Blue (84%)



- Cyan (33%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)





- Cyan (43%)
- Magenta (18%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 21.006, 206.792 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, 21.006, 206.792 by changing the saturation by 10% instead.


 80, 21.006,
206.792


 80, 21.006,
206.792


 100, 21.006,
206.792


 70, 21.006,
206.792

 60, 21.006,
206.792

 50, 21.006,
206.792

 40, 21.006,
206.792

 30, 21.006,
206.792

 20, 21.006,
206.792

 10, 21.006,

206.792

0, 21.006, 206.792

80, 21.006,
206.792

80, 21.006,
206.792

78, 26.236,
206.894

82, 15.112,
206.819

77, 30.689,
207.161

84, 8.669, 206.974

86, 1.792, 207.444

76, 34.273,
207.620

88, 5.419, 27.284

75, 36.929,
208.301

90, 12.873, 27.673

74, 38.651,
209.238

91, 13.160, 31.675

91, 12.727, 36.389

■ 73, 39.496,
210.456

■ 91, 12.387, 41.397

■ 73, 39.712,
211.525

■ 92, 12.149, 46.640

Harmonies

Complementary

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



80, 21.006, 206.792



69, 26.533, 28.831

Rectangle

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



80, 21.006, 206.792



80, 21.006, 256.792



80, 21.006, 26.792



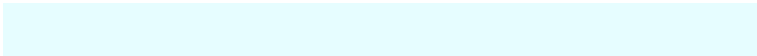
80, 21.006, 76.792

Sweetspot

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



80, 21.006, 206.788



98, 7.996, 207.033



80, 42.717, 144.384



52, 5.434, 206.997



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, 21.006, 206.788



92, 28.034, 206.845



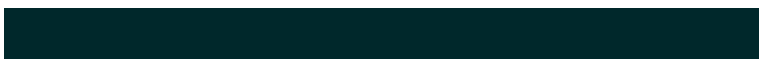
70, 23.876, 269.174



44, 3.947, 207.052



59, 33.471, 211.261



14, 13.326, 208.285

Inverse Universe

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



69, 42.659, 328.713



77, 58.337, 329.106



77, 24.984, 79.602



42, 7.401, 327.357



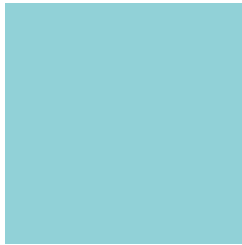
40, 80.071, 331.943



6, 30.957, 331.025

Previews

White Background



This preview shows how the CIELCh color 80, 21.006, 206.792 looks on a white background.

Color Contrast Check

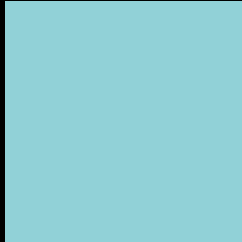
Large Text (above 18pt) WCAG AA × Fail

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, 21.006, 206.792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

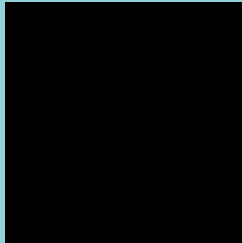
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 21.006, 206.792

Background



This preview shows how black text looks on a background with the CIELCh color 80, 21.006, 206.792.

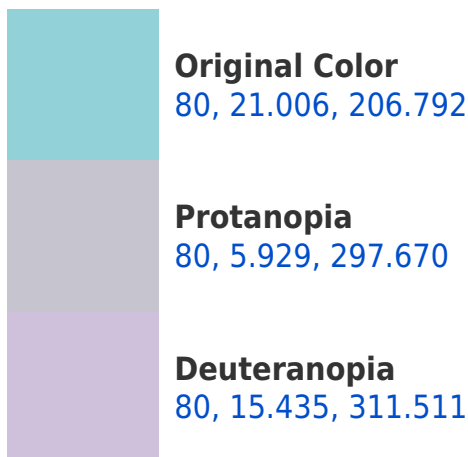


This preview shows how white text looks on a background with the CIELCh color 80, 21.006, 206.792.

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](#).

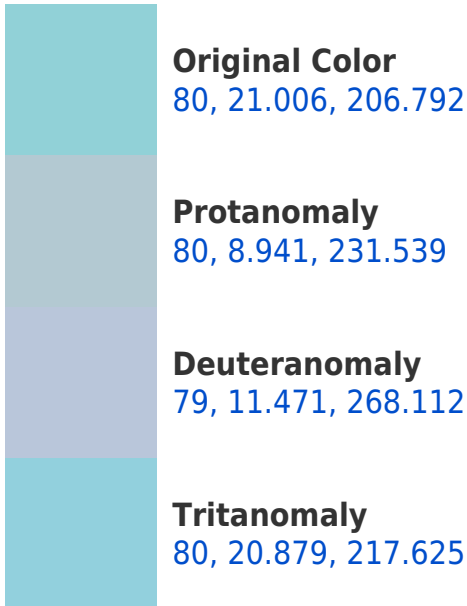
Dichromacy



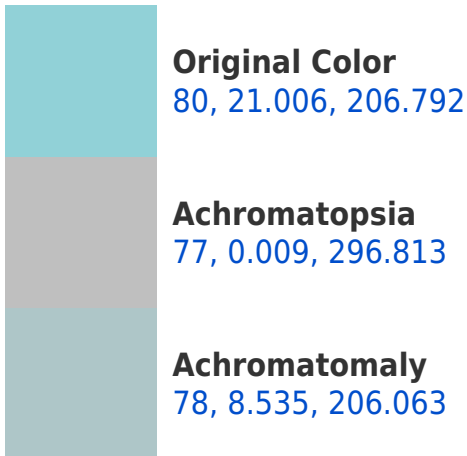


Tritanopia
80, 21.004, 222.285

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 21.006, 206.792 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(145, 209, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 209, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 21.006, 206.792 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, 215) }
```

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

```
.border{ border-color:rgb(145, 209, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(145, 209, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(145, 209, 215); box-shadow:4px 4px 4px 4px rgb(145, 209, 215) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 21.006, 206.792 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, 215) }
```

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

```
.background{ background-color: rgb(145,  
209, 215) }
```

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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