

Converting Colors

CIELCh(80, 21.612, 196.948)

Have a look what the booklet for
CIELCh(80, 21.612, 196.948)
contains.

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Color

CIELCh(80, 21.537, 196.446)

Conversions

Conversions Part 1

Format	Color
Hex	91D2D1
RGB	145, 210, 209
RGB Percent	57%, 82%, 82%
CMY	0.4316, 0.1767, 0.1806
CMYK	0.31, 0.00, 0.00, 0.18
HSL	179°, 42%, 70%
HSV	179°, 31%, 82%
XYZ	46.2020, 56.6813, 68.7912
YIQ	190.4510, -38.4190, -14.0910

Conversions

Conversions Part 2

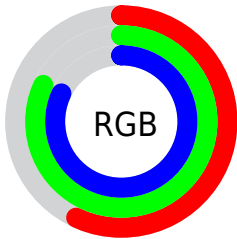
Format	Color
RYB	145, 178, 210
Decimal	9556689
CIELab	80.00, -20.66, -6.10
CIELCh	80, 21.537, 196.446
Yxy	56.6813, 0.2691, 0.3302
Android (android.graphics.Color)	4287746769 (0xFF91D2D1)
YUV	190.4510, 9.1447, -39.8605
Hunter-Lab	75.2870, -22.2105, -1.4736

Details

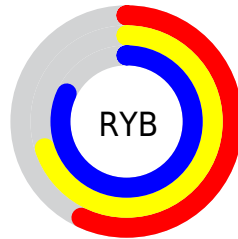
The CIELCh color **80, 21.537, 196.446** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 26.467, 20.857**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 17.795, 198.327**, and **60, 21.458, 197.502** is the 20% darker color. If you saturate the color by 10%, you get **79, 27.306, 195.964**, and if you desaturate by 10%, it is **81, 15.103, 196.968**.

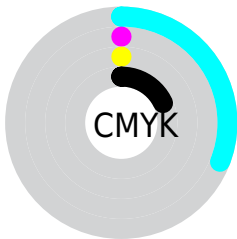
Distribution



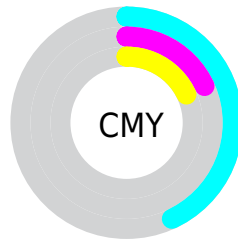
- Red (57%)
- Green (82%)
- Blue (82%)



- Red (57%)
- Yellow (70%)
- Blue (82%)



- Cyan (31%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 21.537, 196.446 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, 21.537, 196.446 by changing the saturation by 10% instead.

 80, 21.537,
196.446


 80, 21.537,
196.446

 100, 21.537,
196.446

 70, 21.537,
196.446

 60, 21.537,
196.446

 50, 21.537,
196.446

 40, 21.537,
196.446

 30, 21.537,
196.446

 20, 21.537,
196.446

 10, 21.537,

196.446

0, 21.537, 196.446

80, 21.537,
196.446

80, 21.537,
196.446

79, 27.306,
195.964

81, 15.103,
196.968

78, 32.293,
195.534

83, 8.126, 197.552

78, 36.404,
195.150

84, 0.727, 198.848

86, 6.983, 18.589

77, 39.582,
194.812

88, 14.907, 19.258

77, 41.817,
194.514

88, 16.842, 18.985

88, 16.837, 18.417

■ 77, 43.160,
194.249

■ 88, 16.834, 17.848

■ 76, 43.786,
194.027

■ 88, 16.832, 17.280

Harmonies

Complementary

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



80, 21.537, 196.446



67, 26.467, 20.857

Rectangle

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



80, 21.537, 196.446



80, 21.537, 246.446



80, 21.537, 16.446



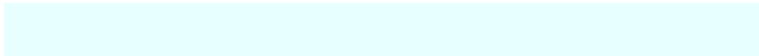
80, 21.537, 66.446

Sweetspot

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



80, 21.537, 196.443



98, 7.849, 197.672



79, 41.989, 141.874



52, 5.434, 197.576



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, 21.537, 196.443



94, 29.346, 196.129



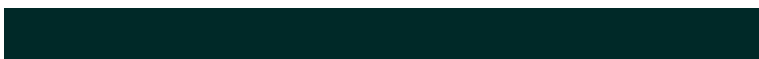
71, 19.986, 258.440



43, 4.209, 197.652



62, 37.134, 194.063



14, 14.167, 194.509

Inverse Universe

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



67, 26.467, 20.857



76, 37.868, 21.761



74, 21.976, 69.828



41, 4.459, 18.679



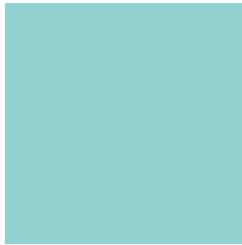
35, 75.810, 39.239



4, 20.016, 18.747

Previews

White Background



This preview shows how the CIELCh color 80, 21.537, 196.446 looks on a white background.

Color Contrast Check

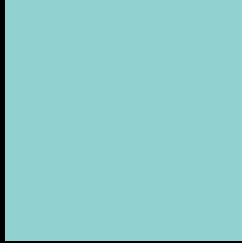
Large Text (above 18pt) WCAG AA × Fail

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, 21.537, 196.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

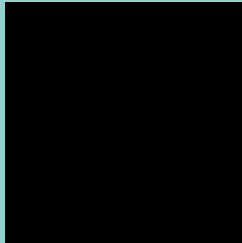
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

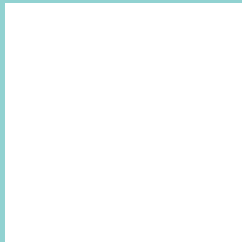
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 21.537, 196.446

Background



This preview shows how black text looks on a background with the CIELCh color 80, 21.537, 196.446.

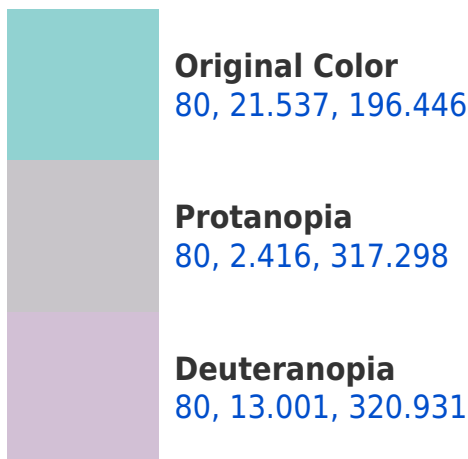


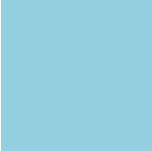
This preview shows how white text looks on a background with the CIELCh color 80, 21.537, 196.446.

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](#).

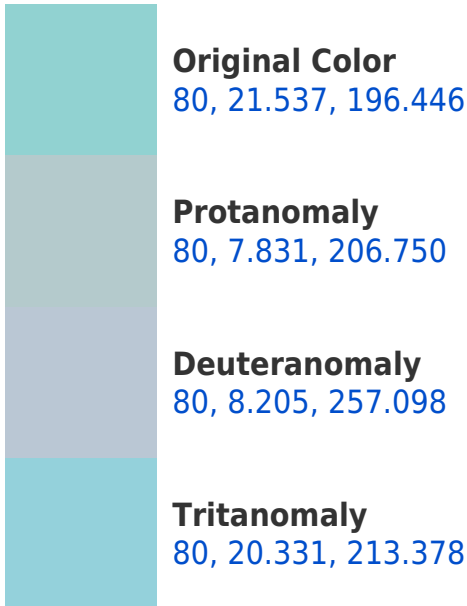
Dichromacy



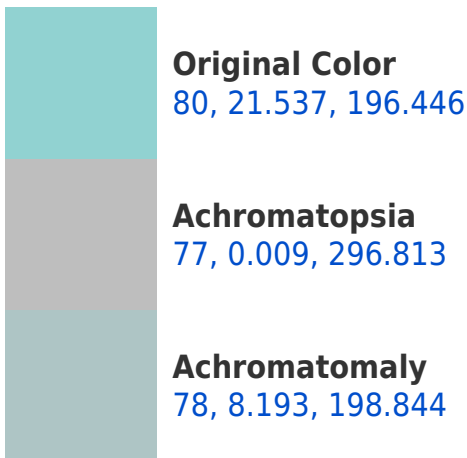


Tritanopia
80, 20.490, 222.960

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 21.537, 196.446 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, 210, 209)` looks like.

```
.text, #text, p{  
    color:rgb(145, 210, 209)  
}
```

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, 210, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 210, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 21.537, 196.446 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, 210, 209) }
```

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

```
.border{ border-color:rgb(145, 210, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 210, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 210, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 210, 209);  
box-shadow:4px 4px 4px 4px rgb(145, 210,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 21.537, 196.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 210, 209) }
```

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

```
.background{ background-color: rgb(145,  
210, 209) }
```

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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