

Converting Colors

CIELCh(81, 18.049, 149.788)

Have a look what the booklet for
CIELCh(81, 18.049, 149.788)
contains.

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Color

CIELCh(81, 17.813, 150.157)

Conversions

Conversions Part 1

Format	Color
Hex	B1D1B8
RGB	177, 209, 184
RGB Percent	69%, 82%, 72%
CMY	0.3055, 0.1800, 0.2781
CMYK	0.15, 0.00, 0.12, 0.18
HSL	133°, 26%, 76%
HSV	133°, 15%, 82%
XYZ	49.6386, 58.4711, 54.0690
YIQ	196.5820, -11.0470, -14.5590

Conversions

Conversions Part 2

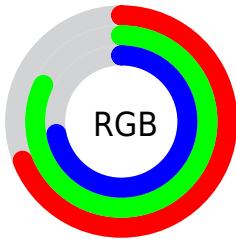
Format	Color
RYB	177, 203, 209
Decimal	11653560
CIELab	81.00, -15.45, 8.86
CIElCh	81, 17.813, 150.157
Yxy	58.4711, 0.3061, 0.3605
Android (android.graphics.Color)	4289843640 (0xFFB1D1B8)
YUV	196.5820, -6.2029, -17.1734
Hunter-Lab	76.4664, -17.9418, 11.6029

Details

The CIELCh color $81, 17.813, 150.157$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $76, 17.887, 332.150$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 10.928, 154.448$, and $61, 18.167, 150.064$ is the 20% darker color. If you saturate the color by 10%, you get $79, 29.499, 149.323$, and if you desaturate by 10%, it is $83, 6.139, 150.905$.

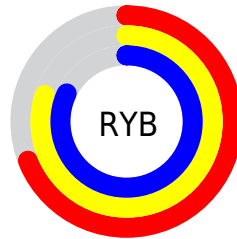
Distribution



Red (69%)

Green (82%)

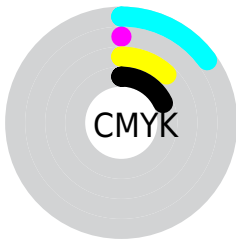
Blue (72%)



Red (69%)

Yellow (80%)

Blue (82%)

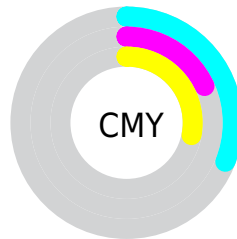


Cyan (15%)

Magenta (0%)

Yellow (12%)

Black (18%)



Cyan (31%)


Magenta (18%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 17.813, 150.157 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 81, 17.813, 150.157 by changing the saturation by 10% instead.


 81, 17.813,
150.157


 81, 17.813,
150.157


 100, 17.813,
150.157


 71, 17.813,
150.157


 61, 17.813,
150.157

 51, 17.813,
150.157

 41, 17.813,
150.157

 31, 17.813,
150.157

 21, 17.813,
150.157

 11, 17.813,

150.157

■ 1, 17.813, 150.157

■ 0, 17.813, 150.157

■ 81, 17.813,
150.157

■ 81, 17.813,
150.157

■ 79, 29.499,
149.323

■ 83, 6.139, 150.905

■ 78, 41.023,
148.361

■ 85, 5.401, 331.410

■ 77, 52.183,
147.251

■ 87, 16.712,
331.990

■ 76, 62.742,
145.977

■ 89, 26.488,
328.980

■ 75, 72.450,

■ 89, 28.774,
325.426

144.536

■ 74, 81.058,
142.945

■ 74, 88.347,
141.252

■ 74, 94.141,
139.548

■ 73, 96.384,
138.830

Harmonies

Complementary

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



81, 17.813, 150.157



76, 17.887, 332.150

Rectangle

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



81, 17.813, 150.157



81, 17.813, 200.157



81, 17.813, 330.157



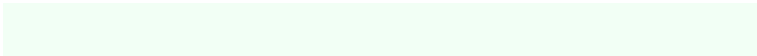
81, 17.813, 20.157

Sweetspot

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



81, 17.815, 150.156



99, 6.793, 150.924



83, 17.033, 117.626



53, 4.638, 150.870



0, 0.000, 0.000



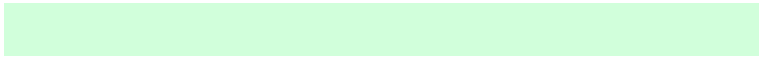
53, 0.007, 296.813

Same Dimension

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



81, 17.815, 150.156



96, 24.632, 149.926



81, 12.442, 175.731



43, 6.584, 150.601



60, 81.483, 139.101



13, 27.292, 145.921

Inverse Universe

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



76, 17.887, 332.150



89, 24.741, 332.345



75, 13.034, 358.607



41, 6.607, 331.755



38, 71.582, 339.224



5, 26.273, 336.565

Previews

White Background



This preview shows how the CIELCh color 81, 17.813, 150.157 looks on a white background.

Color Contrast Check

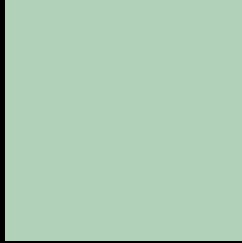
Large Text (above 18pt) WCAG AA × Fail

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 81, 17.813, 150.157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

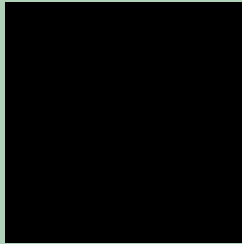
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

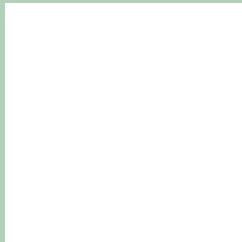
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 17.813, 150.157

Background



This preview shows how black text looks on a background with the CIELCh color 81, 17.813, 150.157.

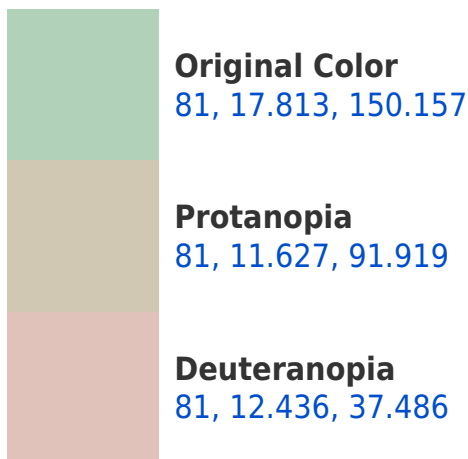


This preview shows how white text looks on a background with the CIELCh color 81, 17.813, 150.157.

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](#).

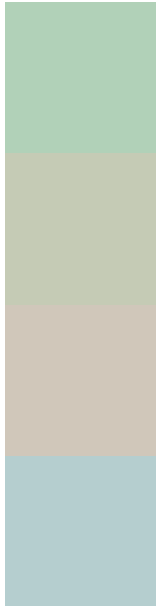
Dichromacy





Tritanopia
81, 10.991, 249.965

Trichromacy



Original Color
81, 17.813, 150.157

Protanomaly
81, 11.869, 120.132

Deuteranomaly
81, 7.667, 83.204

Tritanomaly
81, 8.804, 202.294

Monochromacy



Original Color
81, 17.813, 150.157

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 6.298, 149.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 17.813, 150.157 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(177, 209, 184)` looks like.

```
.text, #text, p{  
    color:rgb(177, 209, 184)  
}
```

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(177, 209, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 209, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 17.813, 150.157 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(177, 209, 184) }
```

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

```
.border{ border-color:rgb(177, 209, 184) }
```

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

Here you see how a box with a 4 pixel rgb(177, 209, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 209, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 209, 184);  
box-shadow:4px 4px 4px 4px rgb(177, 209,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 17.813, 150.157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 209, 184) }
```

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

```
.background{ background-color: rgb(177,  
209, 184) }
```

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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