

Converting Colors

CIELCh(81, 16.381, 144.091)

Have a look what the booklet for
CIELCh(81, 16.381, 144.091)
contains.

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Color

CIELCh(81, 16.446, 144.738)

Conversions

Conversions Part 1

Format	Color
Hex	B6D0B7
RGB	182, 208, 183
RGB Percent	71%, 82%, 72%
CMY	0.2863, 0.1843, 0.2824
CMYK	0.13, 0.00, 0.12, 0.18
HSL	122°, 22%, 76%
HSV	122°, 13%, 82%
XYZ	50.3903, 58.4711, 53.4259
YIQ	197.3760, -7.4710, -13.2870

Conversions

Conversions Part 2

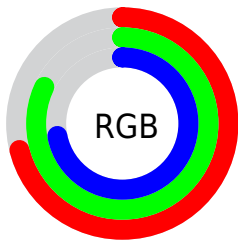
Format	Color
R _{YB}	182, 207, 208
Decimal	11980983
CIE Lab	81.00, -13.43, 9.49
CIE LCh	81, 16.446, 144.738
Yxy	58.4711, 0.3105, 0.3603
Android (android.graphics.Color)	4290171063 (0xFFB6D0B7)
YUV	197.3760, -7.0874, -13.4848
Hunter-Lab	76.4664, -16.1870, 12.1014

Details

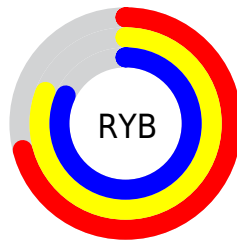
The CIELCh color **81, 16.446, 144.738** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **77, 16.470, 326.164**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.163, 145.696**, and **61, 16.729, 144.543** is the 20% darker color. If you saturate the color by 10%, you get **79, 29.701, 143.999**, and if you desaturate by 10%, it is **83, 3.262, 145.428**.

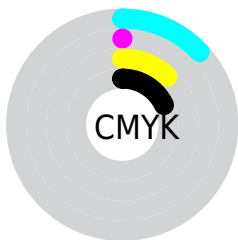
Distribution



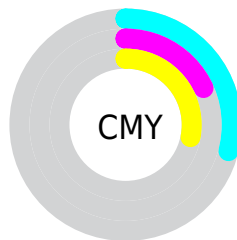
- Red (71%)
- Green (82%)
- Blue (72%)



- Red (71%)
- Yellow (81%)
- Blue (82%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)





- Cyan (29%)
- Magenta (18%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 16.446, 144.738 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, 16.446, 144.738 by changing the saturation by 10% instead.


 81, 16.446,
144.738


 81, 16.446,
144.738


 100, 16.446,
144.738


 71, 16.446,
144.738


 61, 16.446,
144.738

 51, 16.446,
144.738

 41, 16.446,
144.738

 31, 16.446,
144.738

 21, 16.446,
144.738

 11, 16.446,

144.738

■ 1, 16.446, 144.738

■ 0, 16.446, 144.738

■ 81, 16.446,
144.738

■ 81, 16.446,
144.738

■ 79, 29.701,
143.999

■ 83, 3.262, 145.428

■ 78, 42.823,
143.142

■ 85, 9.715, 325.844

■ 76, 55.557,
142.157

■ 87, 22.388,
326.308

■ 75, 67.575,
141.051

■ 89, 29.468,
325.450

■ 74, 78.486,

139.856

■ 74, 87.836,
138.645

■ 73, 95.145,
137.534

■ 73, 100.011,
136.666

■ 73, 102.051,
136.285

Harmonies

Complementary

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



81, 16.446, 144.738



77, 16.470, 326.164

Rectangle

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



81, 16.446, 144.738



81, 16.446, 194.738



81, 16.446, 324.738



81, 16.446, 14.738

Sweetspot

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



81, 16.448, 144.738



99, 6.167, 145.306



83, 13.676, 110.352



53, 4.387, 145.253



0, 0.000, 0.000



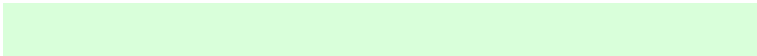
53, 0.007, 296.813

Same Dimension

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



81, 16.448, 144.738



97, 23.313, 144.551



81, 11.465, 164.439



43, 7.483, 144.947



60, 87.003, 136.365



13, 29.958, 142.694

Inverse Universe

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



77, 16.470, 326.164



91, 23.341, 326.316



77, 11.680, 346.543



41, 7.495, 325.985



40, 82.164, 329.811



6, 30.218, 329.092

Previews

White Background



This preview shows how the CIELCh color 81, 16.446, 144.738 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, 16.446, 144.738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

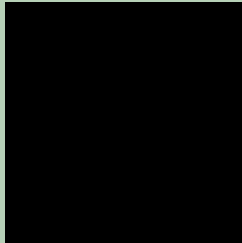
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

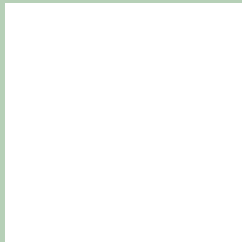
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 16.446, 144.738

Background



This preview shows how black text looks on a background with the CIELCh color 81, 16.446, 144.738.

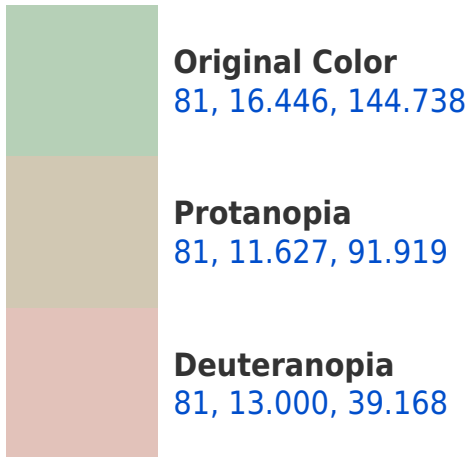


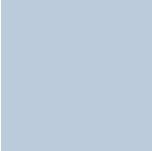
This preview shows how white text looks on a background with the CIELCh color 81, 16.446, 144.738.

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](#).

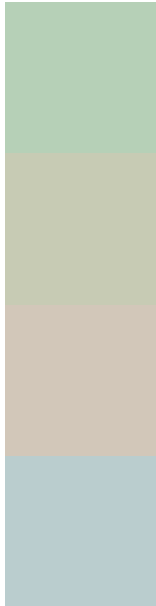
Dichromacy





Tritanopia
81, 9.850, 259.125

Trichromacy



Original Color
81, 16.446, 144.738

Protanomaly
81, 12.261, 116.186

Deuteranomaly
81, 8.496, 80.083

Tritanomaly
81, 6.755, 203.513

Monochromacy



Original Color
81, 16.446, 144.738

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 5.845, 144.234

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 16.446, 144.738 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(182, 208, 183)` looks like.

```
.text, #text, p{  
    color:rgb(182, 208, 183)  
}
```

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(182, 208, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 208, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 16.446, 144.738 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(182, 208, 183) }
```

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

```
.border{ border-color:rgb(182, 208, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 208, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 208, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 208, 183);  
box-shadow:4px 4px 4px 4px rgb(182, 208,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 16.446, 144.738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 208, 183) }
```

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

```
.background{ background-color: rgb(182,  
208, 183) }
```

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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