

Converting Colors

CIELCh(81, 15.006, 208.163)

Have a look what the booklet for
CIELCh(81, 15.006, 208.163)
contains.

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Color

CIELCh(81, 15.057, 208.616)

Conversions

Conversions Part 1

Format	Color
Hex	A5D1D6
RGB	165, 209, 214
RGB Percent	65%, 82%, 84%
CMY	0.3528, 0.1803, 0.1607
CMYK	0.23, 0.02, 0.00, 0.16
HSL	186°, 37%, 74%
HSV	186°, 23%, 84%
XYZ	50.4691, 58.4711, 72.2609
YIQ	196.4140, -27.8290, -7.7730

Conversions

Conversions Part 2

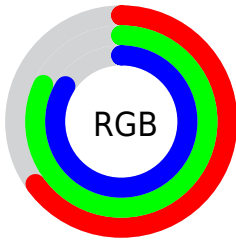
Format	Color
R_{YB}	165, 188, 214
Decimal	10867158
CIE _{Lab}	81.00, -13.22, -7.21
CIE _{LCh}	81, 15.057, 208.616
Yxy	58.4711, 0.2785, 0.3227
Android (android.graphics.Color)	4289057238 (0xFFA5D1D6)
YUV	196.4140, 8.6699, -27.5501
Hunter-Lab	76.4664, -16.0032, -2.5027

Details

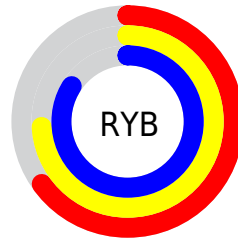
The CIELCh color $81, 15.057, 208.616$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $73, 17.632, 29.576$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 11.478, 198.739$, and $61, 15.145, 206.720$ is the 20% darker color. If you saturate the color by 10%, you get $79, 20.822, 208.678$, and if you desaturate by 10%, it is $83, 8.752, 208.680$.

Distribution



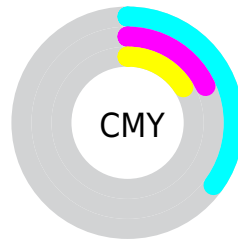
- Red (65%)
- Green (82%)
- Blue (84%)



- Red (65%)
- Yellow (74%)
- Blue (84%)



- Cyan (23%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)





- Cyan (35%)
- Magenta (18%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 15.057, 208.616 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, 15.057, 208.616 by changing the saturation by 10% instead.


 81, 15.057,
208.616


 81, 15.057,
208.616


 100, 15.057,
208.616


 71, 15.057,
208.616


 61, 15.057,
208.616

 51, 15.057,
208.616

 41, 15.057,
208.616

 31, 15.057,
208.616

 21, 15.057,
208.616

 11, 15.057,

208.616

■ 1, 15.057, 208.616

■ 0, 15.057, 208.616

■ 81, 15.057,
208.616

■ 81, 15.057,
208.616

■ 79, 20.822,
208.678

■ 83, 8.752, 208.680

■ 78, 25.933,
208.899

■ 85, 2.016, 209.040

■ 87, 5.051, 28.844

■ 76, 30.279,
209.306

■ 90, 12.361, 29.180

■ 75, 33.769,
209.933

■ 90, 13.418, 33.369

■ 91, 12.951, 38.922

■ 74, 36.348,

210.822

92, 12.617, 44.826

73, 38.009,
212.011

92, 12.426, 50.976

72, 38.815,
213.537

93, 12.383, 57.237

71, 39.020,
214.794

Harmonies

Complementary

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



81, 15.057, 208.616



73, 17.632, 29.576

Rectangle

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



81, 15.057, 208.616



81, 15.057, 258.616



81, 15.057, 28.616



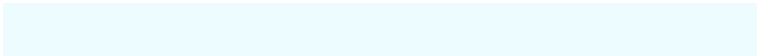
81, 15.057, 78.616

Sweetspot

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



81, 15.057, 208.610



98, 5.563, 208.802



81, 29.633, 145.716



52, 3.609, 208.784



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, 15.057, 208.610



94, 20.147, 208.622



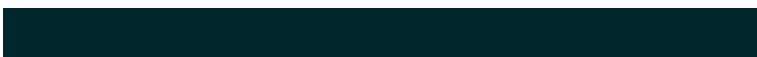
74, 17.020, 268.851



44, 3.891, 208.741



58, 33.027, 214.475



13, 13.154, 210.815

Inverse Universe

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



73, 29.639, 328.658



84, 40.274, 328.918



79, 17.455, 82.444



42, 7.318, 327.852



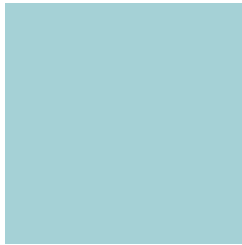
40, 79.061, 332.730



6, 30.587, 331.652

Previews

White Background



This preview shows how the CIELCh color 81, 15.057, 208.616 looks on a white background.

Color Contrast Check

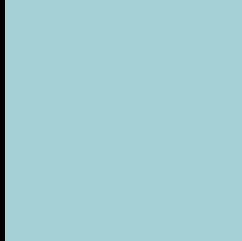
Large Text (above 18pt) WCAG AA × Fail

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 81, 15.057, 208.616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

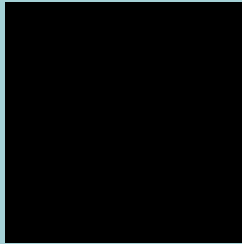
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

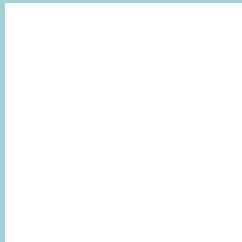
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 15.057, 208.616

Background



This preview shows how black text looks on a background with the CIELCh color 81, 15.057, 208.616.



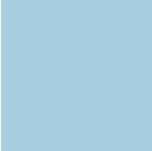
This preview shows how white text looks on a background with the CIELCh color 81, 15.057, 208.616.

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](#).

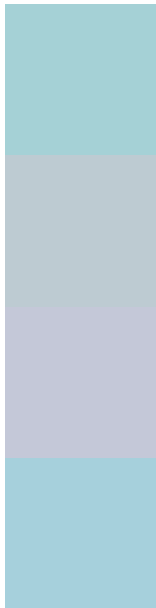
Dichromacy





Tritanopia
81, 15.801, 233.717

Trichromacy



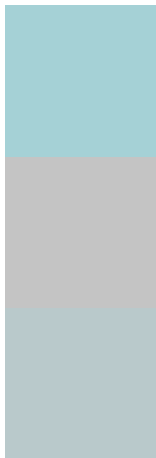
Original Color
81, 15.057, 208.616

Protanomaly
81, 6.126, 236.672

Deuteranomaly
81, 8.601, 281.527

Tritanomaly
81, 15.237, 223.404

Monochromacy



Original Color
81, 15.057, 208.616

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 5.785, 209.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 15.057, 208.616 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(165, 209, 214)` looks like.

```
.text, #text, p{  
    color:rgb(165, 209, 214)  
}
```

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(165, 209, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 209, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 15.057, 208.616 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(165, 209, 214) }
```

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

```
.border{ border-color:rgb(165, 209, 214) }
```

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

Here you see how a box with a 4 pixel rgb(165, 209, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 209, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 209, 214);  
box-shadow:4px 4px 4px 4px rgb(165, 209,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 15.057, 208.616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 209, 214) }
```

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

```
.background{ background-color: rgb(165,  
209, 214) }
```

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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