

Converting Colors

CIELCh(81, 12.104, 198.483)

Have a look what the booklet for
CIELCh(81, 12.104, 198.483)
contains.

CIELCh(81, 12.160, 198.560)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(81, 12.160, 198.560)

Conversions

Conversions Part 1

Format	Color
Hex	ADD0D0
RGB	173, 208, 208
RGB Percent	68%, 82%, 82%
CMY	0.3220, 0.1848, 0.1848
CMYK	0.17, 0.00, 0.00, 0.18
HSL	180°, 27%, 75%
HSV	180°, 17%, 82%
XYZ	51.1038, 58.4711, 68.1884
YIQ	197.5350, -20.8600, -7.4200

Conversions

Conversions Part 2

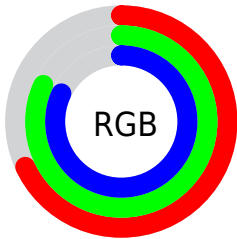
Format	Color
RYB	173, 191, 208
Decimal	11391184
CIELab	81.00, -11.53, -3.87
CIElCh	81, 12.160, 198.560
Yxy	58.4711, 0.2875, 0.3289
Android (android.graphics.Color)	4289581264 (0xFFADD0D0)
YUV	197.5350, 5.1592, -21.5172
Hunter-Lab	76.4664, -14.5216, 0.6550

Details

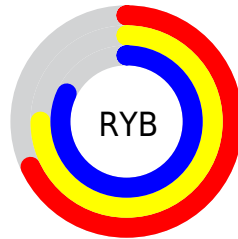
The CIELCh color **81, 12.160, 198.560** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 13.561, 20.534**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.853, 198.921**, and **61, 12.303, 198.319** is the 20% darker color. If you saturate the color by 10%, you get **80, 18.749, 198.063**, and if you desaturate by 10%, it is **82, 5.072, 199.136**.

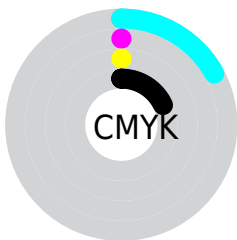
Distribution



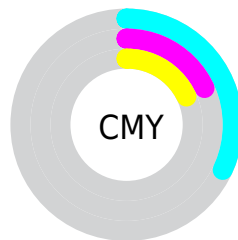
- Red (68%)
- Green (82%)
- Blue (82%)



- Red (68%)
- Yellow (75%)
- Blue (82%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)





- Cyan (32%)
- Magenta (18%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 12.160, 198.560 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, 12.160, 198.560 by changing the saturation by 10% instead.


 81, 12.160,
198.560


 81, 12.160,
198.560


 100, 12.160,
198.560


 71, 12.160,
198.560


 61, 12.160,
198.560

 51, 12.160,
198.560

 41, 12.160,
198.560

 31, 12.160,
198.560

 21, 12.160,
198.560

 11, 12.160,

198.560

■ 1, 12.160, 198.560

■ 0, 12.160, 198.560

■ 81, 12.160,
198.560

■ 81, 12.160,
198.560

■ 80, 18.749,
198.063

■ 82, 5.072, 199.136

■ 79, 24.715,
197.633

■ 84, 2.401, 19.341

■ 78, 29.942,
197.265

■ 86, 10.154, 20.104

■ 77, 34.329,
196.961

■ 87, 17.696, 20.701

■ 87, 17.696, 20.698

■ 77, 37.804,

■ 87, 17.696, 20.695

196.724

87, 17.696, 20.693

76, 40.340,
196.552

87, 17.695, 20.690

76, 41.966,
196.442

87, 17.695, 20.687

76, 42.784,
196.386

76, 42.963,
196.374

Harmonies

Complementary

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



81, 12.160, 198.560



74, 13.561, 20.534

Rectangle

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



81, 12.160, 198.560



81, 12.160, 248.560



81, 12.160, 18.560



81, 12.160, 68.560

Sweetspot

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



81, 12.161, 198.553



99, 4.397, 199.270



80, 22.649, 142.981



53, 2.995, 199.214



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, 12.161, 198.553



97, 16.872, 198.379



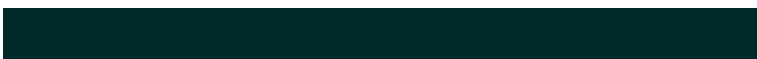
76, 10.904, 255.927



43, 4.203, 198.968



62, 36.714, 196.374



14, 14.039, 196.377

Inverse Universe

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



74, 13.561, 20.534



86, 19.269, 20.845



78, 11.440, 71.539



41, 4.460, 19.921



35, 76.452, 39.860



4, 20.018, 19.463

Previews

White Background



This preview shows how the CIELCh color 81, 12.160, 198.560 looks on a white background.

Color Contrast Check

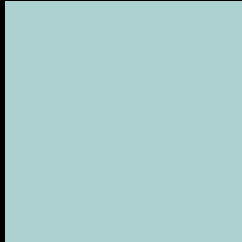
Large Text (above 18pt) WCAG AA × Fail

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, 12.160, 198.560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

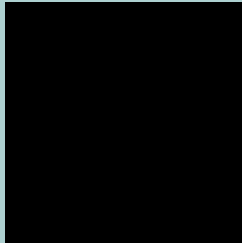
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

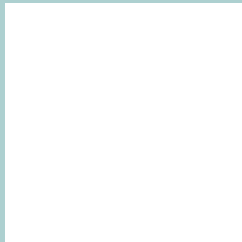
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 12.160, 198.560

Background



This preview shows how black text looks on a background with the CIELCh color 81, 12.160, 198.560.

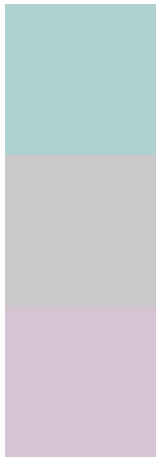


This preview shows how white text looks on a background with the CIELCh color 81, 12.160, 198.560.

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



Original Color
81, 12.160, 198.560

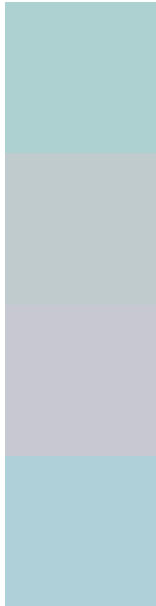
Protanopia
81, 1.951, 324.389

Deuteranopia
81, 11.467, 332.492



Tritanopia
81, 13.032, 239.762

Trichromacy



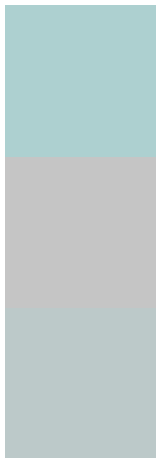
Original Color
81, 12.160, 198.560

Protanomaly
81, 4.064, 214.437

Deuteranomaly
81, 5.322, 290.661

Tritanomaly
81, 12.010, 225.099

Monochromacy



Original Color
81, 12.160, 198.560

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 4.674, 199.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 12.160, 198.560 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(173, 208, 208)` looks like.

```
.text, #text, p{  
    color:rgb(173, 208, 208)  
}
```

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(173, 208, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 208, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 12.160, 198.560 is called "border". The border property can be set on classes, ids or directly on the HTML element.

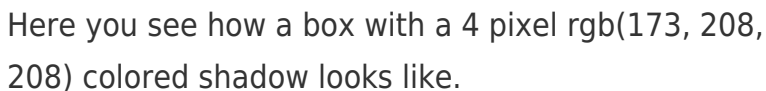
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 208, 208) }
```

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

```
.border{ border-color:rgb(173, 208, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 208, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 208, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 208, 208); box-shadow:4px 4px 4px 4px rgb(173, 208, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 12.160, 198.560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 208, 208) }
```

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

```
.background{ background-color: rgb(173,  
208, 208) }
```

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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