

Converting Colors

CIELCh(80, 13.986, 205.503)

Have a look what the booklet for
CIELCh(80, 13.986, 205.503)
contains.

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Color

CIELCh(80, 14.084, 204.982)

Conversions

Conversions Part 1

Format	Color
Hex	A5CED1
RGB	165, 206, 209
RGB Percent	65%, 81%, 82%
CMY	0.3533, 0.1925, 0.1808
CMYK	0.21, 0.01, 0.00, 0.18
HSL	184°, 32%, 73%
HSV	184°, 21%, 82%
XYZ	49.0398, 56.6813, 68.6119
YIQ	194.0830, -25.3990, -7.7590

Conversions

Conversions Part 2

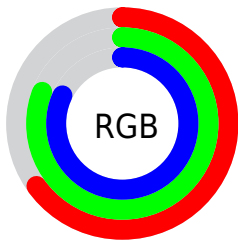
Format	Color
RYB	165, 186, 209
Decimal	10866385
CIELab	80.00, -12.77, -5.95
CIELCh	80, 14.084, 204.982
Yxy	56.6813, 0.2813, 0.3251
Android (android.graphics.Color)	4289056465 (0xFFA5CED1)
YUV	194.0830, 7.3541, -25.5058
Hunter-Lab	75.2870, -15.4824, -1.3324

Details

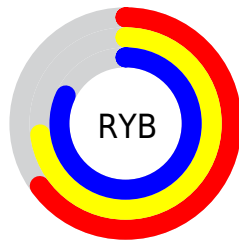
The CIELCh color **80, 14.084, 204.982** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 16.248, 26.461**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 11.478, 198.739**, and **60, 14.216, 205.052** is the 20% darker color. If you saturate the color by 10%, you get **78, 20.020, 204.833**, and if you desaturate by 10%, it is **82, 7.624, 205.231**.

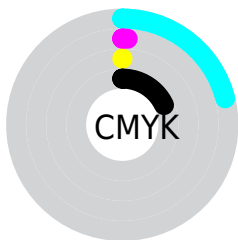
Distribution



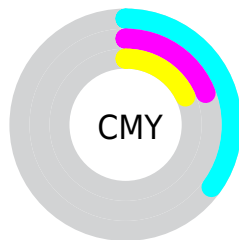
- Red (65%)
- Green (81%)
- Blue (82%)



- Red (65%)
- Yellow (73%)
- Blue (82%)



- Cyan (21%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)





- Cyan (35%)
- Magenta (19%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 14.084, 204.982 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, 14.084, 204.982 by changing the saturation by 10% instead.


 80, 14.084,
204.982


 80, 14.084,
204.982


 100, 14.084,
204.982


 70, 14.084,
204.982


 60, 14.084,
204.982

 50, 14.084,
204.982

 40, 14.084,
204.982

 30, 14.084,
204.982

 20, 14.084,
204.982

 10, 14.084,

204.982

0, 14.084, 204.982

80, 14.084,
204.982

80, 14.084,
204.982

78, 20.020,
204.833

82, 7.624, 205.231

77, 25.314,
204.806

84, 0.749, 206.215

86, 6.440, 25.706

76, 29.856,
204.913

88, 13.857, 26.144

75, 33.553,
205.178

89, 15.913, 28.174

89, 15.511, 31.059

74, 36.341,
205.625

89, 15.151, 34.088

■ 73, 38.205,
206.276

■ 90, 14.837, 37.255

■ 72, 39.192,
207.152

■ 90, 14.571, 40.548

■ 72, 39.509,
208.102

Harmonies

Complementary

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



80, 14.084, 204.982



72, 16.248, 26.461

Rectangle

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



80, 14.084, 204.982



80, 14.084, 254.982



80, 14.084, 24.982



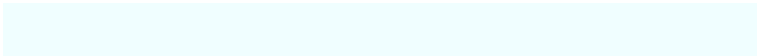
80, 14.084, 74.982

Sweetspot

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



80, 14.085, 204.976



99, 4.925, 205.429



80, 27.353, 144.899



52, 3.262, 205.397



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, 14.085, 204.976



95, 19.368, 204.902



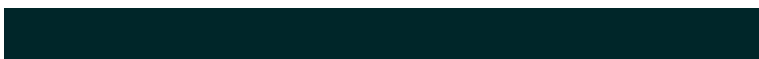
74, 14.798, 265.395



43, 3.931, 205.287



59, 33.676, 207.910



13, 13.065, 205.499

Inverse Universe

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



73, 27.358, 327.513



85, 38.178, 327.756



78, 15.299, 79.557



41, 7.344, 326.835



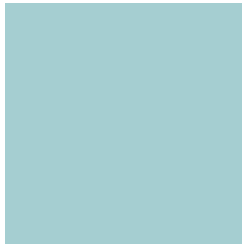
39, 80.284, 331.121



5, 29.538, 330.141

Previews

White Background



This preview shows how the CIE LCh color 80, 14.084, 204.982 looks on a white background.

Color Contrast Check

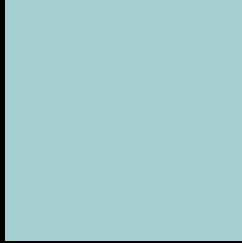
Large Text (above 18pt) WCAG AA × Fail

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, 14.084, 204.982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

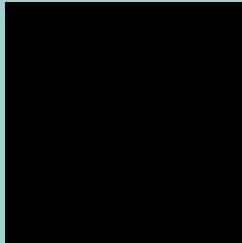
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 14.084, 204.982

Background



This preview shows how black text looks on a background with the CIELCh color 80, 14.084, 204.982.



This preview shows how white text looks on a background with the CIELCh color 80, 14.084, 204.982.

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](#).

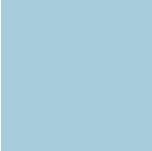
Dichromacy



Original Color
80, 14.084, 204.982

Protanopia
80, 3.399, 309.161

Deuteranopia
80, 12.737, 323.564



Tritanopia
80, 14.801, 234.043

Trichromacy



Original Color
80, 14.084, 204.982

Protanomaly
80, 5.295, 229.476

Deuteranomaly
80, 7.526, 282.734

Tritanomaly
80, 14.233, 223.010

Monochromacy



Original Color
80, 14.084, 204.982

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 5.399, 204.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 14.084, 204.982 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, 206, 209)` looks like.

```
.text, #text, p{  
    color:rgb(165, 206, 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(165, 206, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 206, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 14.084, 204.982 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, 206, 209) }
```

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

```
.border{ border-color:rgb(165, 206, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 206, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 206, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 206, 209);  
box-shadow:4px 4px 4px 4px rgb(165, 206,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 14.084, 204.982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 206, 209) }
```

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

```
.background{ background-color: rgb(165,  
206, 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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