

Converting Colors

CIELCh(81, 7.874, 198.576)

Have a look what the booklet for
CIELCh(81, 7.874, 198.576) contains.

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Color

CIELCh(81, 8.181, 195.131)

Conversions

Conversions Part 1

Format	Color
Hex	B7CECD
RGB	183, 206, 205
RGB Percent	72%, 81%, 80%
CMY	0.2832, 0.1930, 0.1970
CMYK	0.11, 0.00, 0.00, 0.19
HSL	177°, 19%, 76%
HSV	177°, 11%, 81%
XYZ	52.4849, 58.4711, 66.1351
YIQ	199.0090, -13.3870, -5.1870

Conversions

Conversions Part 2

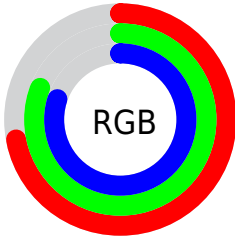
Format	Color
RYB	183, 195, 206
Decimal	12046029
CIELab	81.00, -7.90, -2.14
CIELCh	81, 8.181, 195.131
Yxy	58.4711, 0.2964, 0.3302
Android (android.graphics.Color)	4290236109 (0xFFB7CECD)
YUV	199.0090, 2.9536, -14.0399
Hunter-Lab	76.4664, -11.2975, 2.2471

Details

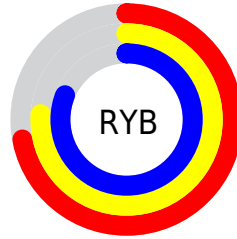
The CIELCh color $81, 8.181, 195.131$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76, 8.732, 16.555$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 5.502, 199.177$, and $61, 8.221, 194.754$ is the 20% darker color. If you saturate the color by 10%, you get $80, 15.093, 194.453$, and if you desaturate by 10%, it is $82, 0.878, 196.339$.

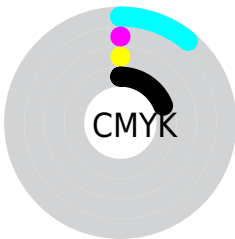
Distribution



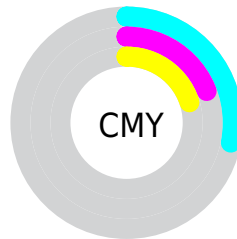
- Red (72%)
- Green (81%)
- Blue (80%)



- Red (72%)
- Yellow (76%)
- Blue (81%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (28%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 8.181, 195.131 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, 8.181, 195.131 by changing the saturation by 10% instead.

■ 81, 8.181, 195.131

■ 81, 8.181, 195.131

■ 100, 8.181,
195.131

■ 71, 8.181, 195.131

■ 61, 8.181, 195.131

■ 51, 8.181, 195.131

■ 41, 8.181, 195.131

■ 31, 8.181, 195.131

■ 21, 8.181, 195.131

■ 11, 8.181, 195.131

■ 1, 8.181, 195.131

■ 0, 8.181, 195.131

81, 8.181, 195.131

81, 8.181, 195.131

80, 15.093,
194.453

82, 0.878, 196.339

78, 21.492,
193.825

84, 6.710, 16.285

86, 14.488, 17.003

78, 27.256,
193.223

87, 18.499, 16.651

77, 32.269,
192.642

87, 18.507, 15.215

87, 18.526, 13.782

76, 36.434,
192.077

87, 18.558, 12.352

76, 39.688,
191.521

87, 18.602, 10.928

87, 18.658, 9.512

75, 42.018,
190.963

75, 43.469,
190.391

■ 75, 44.196,
189.872

Harmonies

Complementary

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



81, 8.181, 195.131



76, 8.732, 16.555

Rectangle

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



81, 8.181, 195.131



81, 8.181, 245.131



81, 8.181, 15.131



81, 8.181, 65.131

Sweetspot

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



81, 8.182, 195.120



99, 2.659, 195.828



81, 14.711, 142.494



53, 2.013, 195.723



0, 0.000, 0.000



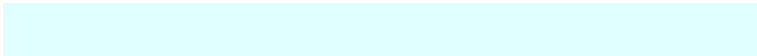
53, 0.007, 296.813

Same Dimension

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



81, 8.182, 195.120



98, 11.271, 194.982



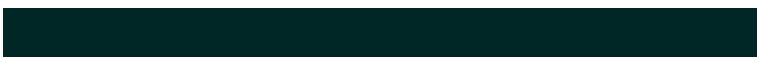
78, 7.040, 251.265



42, 4.140, 195.248



61, 37.608, 189.967



13, 13.888, 191.255

Inverse Universe

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



76, 8.732, 16.555



91, 12.175, 16.735



79, 7.298, 68.491



40, 4.372, 16.396



34, 73.785, 38.034



4, 17.932, 17.256

Previews

White Background



This preview shows how the CIELCh color 81, 8.181, 195.131 looks on a white background.

Color Contrast Check

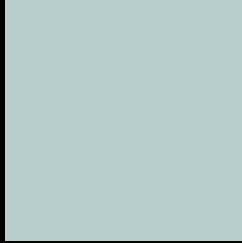
Large Text (above 18pt) WCAG AA × Fail

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, 8.181, 195.131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

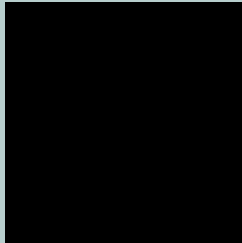
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

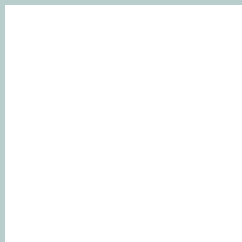
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 8.181, 195.131

Background



This preview shows how black text looks on a background with the CIELCh color 81, 8.181, 195.131.



This preview shows how white text looks on a background with the CIELCh color 81, 8.181, 195.131.

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, 10.817, 256.061

Trichromacy



Original Color
81, 8.181, 195.131

Protanomaly
81, 2.172, 199.497

Deuteranomaly
81, 4.341, 320.596

Tritanomaly
81, 8.651, 237.069

Monochromacy



Original Color
81, 8.181, 195.131

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.892, 199.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 8.181, 195.131 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(183, 206, 205)` looks like.

```
.text, #text, p{  
    color:rgb(183, 206, 205)  
}
```

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(183, 206, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 206, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 8.181, 195.131 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(183, 206, 205) }
```

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

```
.border{ border-color:rgb(183, 206, 205) }
```

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

Here you see how a box with a 4 pixel rgb(183, 206, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 206, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 206, 205);  
box-shadow:4px 4px 4px 4px rgb(183, 206,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 8.181, 195.131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 206, 205) }
```

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

```
.background{ background-color: rgb(183,  
206, 205) }
```

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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