

Converting Colors

CIELCh(82, 6.461, 197.588)

Have a look what the booklet for
CIELCh(82, 6.461, 197.588) contains.

CIELCh(82, 6.788, 194.499)	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(82, 6.788, 194.499)

Conversions

Conversions Part 1

Format	Color
Hex	BDD0CF
RGB	189, 208, 207
RGB Percent	74%, 82%, 81%
CMY	0.2596, 0.1851, 0.1890
CMYK	0.09, 0.00, 0.00, 0.19
HSL	177°, 17%, 78%
HSV	177°, 9%, 81%
XYZ	54.6781, 60.2982, 67.6555
YIQ	202.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

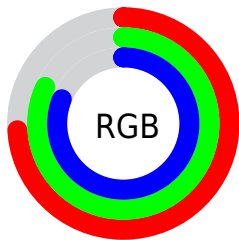
Format	Color
RYB	189, 199, 208
Decimal	12439759
CIELab	82.00, -6.57, -1.70
CIELCh	82, 6.788, 194.499
Yxy	60.2982, 0.2994, 0.3302
Android (android.graphics.Color)	4290629839 (0xFFBDD0CF)
YUV	202.2050, 2.3639, -11.5808
Hunter-Lab	77.6519, -10.2012, 2.6989

Details

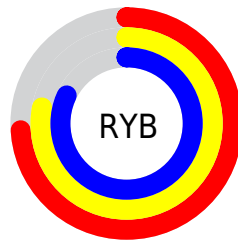
The CIELCh color **82, 6.788, 194.499** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 7.151, 15.631**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.457, 199.378**, and **62, 6.768, 194.080** is the 20% darker color. If you saturate the color by 10%, you get **81, 13.864, 193.779**, and if you desaturate by 10%, it is **84, 0.651, 14.218**.

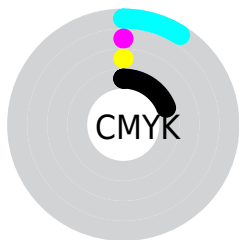
Distribution



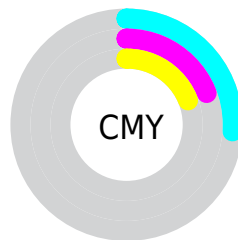
- Red (74%)
- Green (82%)
- Blue (81%)



- Red (74%)
- Yellow (78%)
- Blue (82%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (26%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 6.788, 194.499 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 82, 6.788, 194.499 by changing the saturation by 10% instead.

■ 82, 6.788, 194.499

■ 82, 6.788, 194.499

■ 100, 6.788,
194.499

■ 72, 6.788, 194.499

■ 62, 6.788, 194.499

■ 52, 6.788, 194.499

■ 42, 6.788, 194.499

■ 32, 6.788, 194.499

■ 22, 6.788, 194.499

■ 12, 6.788, 194.499

■ 2, 6.788, 194.499

■ 0, 6.788, 194.499

82, 6.788, 194.499

82, 6.788, 194.499

81, 13.864,
193.779

84, 0.651, 14.218

79, 20.456,
193.115

85, 8.350, 15.695

78, 26.439,
192.470

87, 16.216, 16.416

77, 31.694,
191.840

87, 17.700, 15.054

77, 36.116,
191.219

88, 17.730, 13.224

76, 39.633,
190.597

88, 17.778, 11.402

76, 42.217,
189.963

88, 17.844, 9.592

76, 43.900,
189.304

88, 17.930, 7.797

88, 18.034, 6.022

■ 75, 44.844,
188.613

Harmonies

Complementary

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



82, 6.788, 194.499



78, 7.151, 15.631

Rectangle

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



82, 6.788, 194.499



82, 6.788, 244.499



82, 6.788, 14.499



82, 6.788, 64.499

Sweetspot

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



82, 6.789, 194.486



99, 2.662, 195.060



82, 12.049, 142.173



53, 2.015, 194.954



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 6.789, 194.486



98, 9.601, 194.338



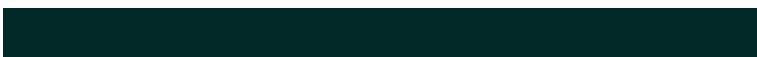
80, 5.758, 249.034



43, 4.232, 194.465



62, 38.364, 188.664



14, 14.531, 190.107

Inverse Universe

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



78, 7.151, 15.631



92, 10.231, 15.812



80, 5.939, 66.796



41, 4.465, 15.655



35, 74.293, 37.687



4, 20.023, 17.005

Previews

White Background



This preview shows how the CIELCh color 82, 6.788, 194.499 looks on a white background.

Color Contrast Check

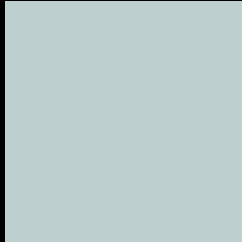
Large Text (above 18pt) WCAG AA × Fail

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 82, 6.788, 194.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

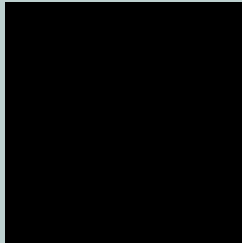
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

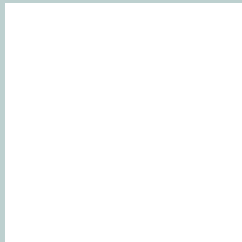
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 6.788, 194.499

Background



This preview shows how black text looks on a background with the CIELCh color 82, 6.788, 194.499.

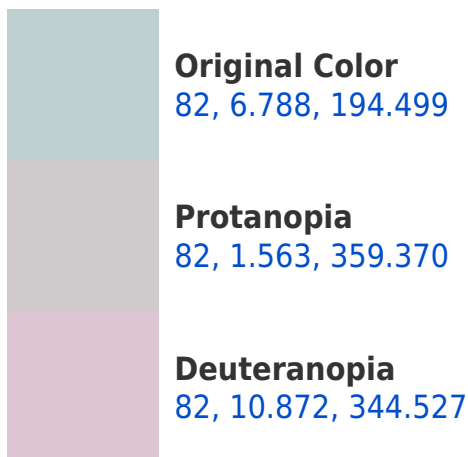


This preview shows how white text looks on a background with the CIELCh color 82, 6.788, 194.499.

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
82, 10.123, 262.443

Trichromacy



Original Color
82, 6.788, 194.499

Protanomaly
82, 1.807, 199.581

Deuteranomaly
82, 4.745, 328.204

Tritanomaly
82, 7.614, 243.408

Monochromacy



Original Color
82, 6.788, 194.499

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 2.527, 199.437

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 6.788, 194.499 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(189, 208, 207)` looks like.

```
.text, #text, p{  
    color:rgb(189, 208, 207)  
}
```

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(189, 208, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 208, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 6.788, 194.499 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(189, 208, 207) }
```

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

```
.border{ border-color:rgb(189, 208, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 208, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 208, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 208, 207);  
box-shadow:4px 4px 4px 4px rgb(189, 208,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 6.788, 194.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 208, 207) }
```

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

```
.background{ background-color: rgb(189,  
208, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor