

Converting Colors

CIELCh(82, 5.412, 156.970)

Have a look what the booklet for
CIELCh(82, 5.412, 156.970) contains.

CIELCh(82, 5.484, 156.661)	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, 5.484, 156.661)

Conversions

Conversions Part 1

Format	Color
Hex	C4CFC8
RGB	196, 207, 200
RGB Percent	77%, 81%, 78%
CMY	0.2327, 0.1896, 0.2171
CMYK	0.05, 0.00, 0.03, 0.19
HSL	142°, 10%, 79%
HSV	142°, 5%, 81%
XYZ	55.2864, 60.2982, 63.1543
YIQ	202.9130, -4.3090, -4.5090

Conversions

Conversions Part 2

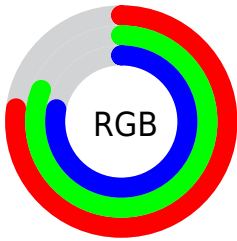
Format	Color
RYB	196, 204, 207
Decimal	12898248
CIELab	82.00, -5.04, 2.17
CIELCh	82, 5.484, 156.661
Yxy	60.2982, 0.3093, 0.3374
Android (android.graphics.Color)	4291088328 (0xFFC4CFC8)
YUV	202.9130, -1.4361, -6.0627
Hunter-Lab	77.6519, -8.8028, 6.1358

Details

The CIELCh color **82, 5.484, 156.661** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 5.518, 337.290**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.695, 200.315**, and **62, 5.806, 156.515** is the 20% darker color. If you saturate the color by 10%, you get **80, 15.859, 155.819**, and if you desaturate by 10%, it is **84, 4.803, 337.216**.

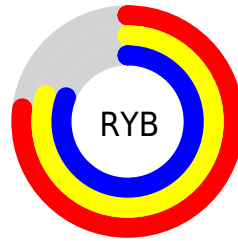
Distribution



Red (77%)

Green (81%)

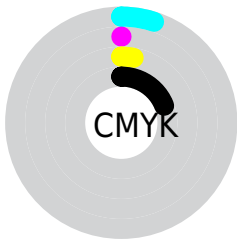
Blue (78%)



Red (77%)

Yellow (80%)

Blue (81%)

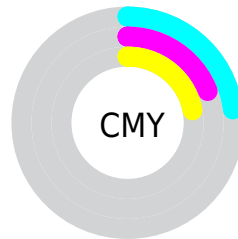


Cyan (5%)

Magenta (0%)

Yellow (3%)

Black (19%)



Cyan (23%)

Magenta (19%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 5.484, 156.661 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, 5.484, 156.661 by changing the saturation by 10% instead.

■ 82, 5.484, 156.661

■ 82, 5.484, 156.661

■ 100, 5.484,
156.661

■ 72, 5.484, 156.661

■ 62, 5.484, 156.661

■ 52, 5.484, 156.661

■ 42, 5.484, 156.661

■ 32, 5.484, 156.661

■ 22, 5.484, 156.661

■ 12, 5.484, 156.661

■ 2, 5.484, 156.661

■ 0, 5.484, 156.661

82, 5.484, 156.661

82, 5.484, 156.661

80, 15.859,
155.819

84, 4.803, 337.216

79, 26.203,
154.908

86, 14.922,
337.896

77, 36.372,
153.874

88, 24.134,
336.840

76, 46.197,
152.690

88, 29.173,
327.067

75, 55.491,
151.335

88, 30.314,
325.480

74, 64.071,
149.789

74, 71.776,
148.045

73, 78.494,
146.113

■ 73, 84.185,
144.038

Harmonies

Complementary

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



82, 5.484, 156.661



80, 5.518, 337.290

Rectangle

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



82, 5.484, 156.661



82, 5.484, 206.661



82, 5.484, 336.661



82, 5.484, 26.661

Sweetspot

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



82, 5.486, 156.656



100, 2.435, 157.008



82, 5.984, 123.401



53, 1.384, 157.024



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, 5.486, 156.656



99, 7.338, 156.592



82, 4.066, 186.823



43, 4.136, 156.548



60, 73.762, 143.426



13, 24.997, 149.407

Inverse Universe

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



80, 5.518, 337.290



96, 7.381, 337.353



80, 4.168, 7.471



42, 4.161, 337.395



37, 65.246, 349.629



5, 23.605, 344.849

Previews

White Background



This preview shows how the CIELCh color 82, 5.484, 156.661 looks on a white background.

Color Contrast Check

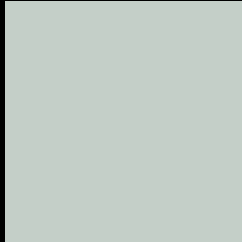
Large Text (above 18pt) WCAG AA × Fail

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 82, 5.484, 156.661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

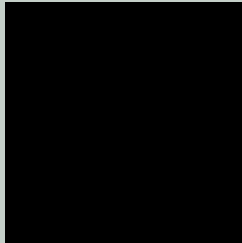
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

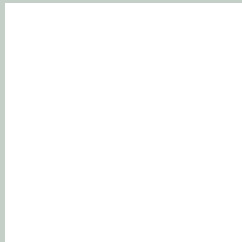
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 5.484, 156.661

Background



This preview shows how black text looks on a background with the CIELCh color 82, 5.484, 156.661.



This preview shows how white text looks on a background with the CIELCh color 82, 5.484, 156.661.

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, 8.627, 279.217

Trichromacy



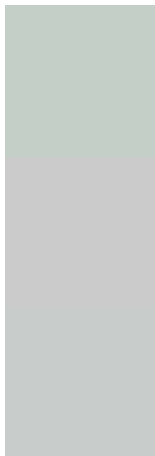
Original Color
82, 5.484, 156.661

Protanomaly
82, 3.164, 109.878

Deuteranomaly
82, 4.802, 19.658

Tritanomaly
82, 4.876, 259.929

Monochromacy



Original Color
82, 5.484, 156.661

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 1.805, 163.720

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 5.484, 156.661 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(196, 207, 200)` looks like.

```
.text, #text, p{  
    color:rgb(196, 207, 200)  
}
```

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(196, 207, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 207, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 5.484, 156.661 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(196, 207, 200) }
```

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

```
.border{ border-color:rgb(196, 207, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 207, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 207, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 207, 200);  
box-shadow:4px 4px 4px 4px rgb(196, 207,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 5.484, 156.661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 207, 200) }
```

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

```
.background{ background-color: rgb(196,  
207, 200) }
```

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