

Converting Colors

CIELCh(82, 4.378, 206.501)

Have a look what the booklet for
CIELCh(82, 4.378, 206.501) contains.

CIELCh(82, 4.316, 206.285)	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, 4.316, 206.285)

Conversions

Conversions Part 1

Format	Color
Hex	C2CECF
RGB	194, 206, 207
RGB Percent	76%, 81%, 81%
CMY	0.2382, 0.1911, 0.1872
CMYK	0.06, 0.00, 0.00, 0.19
HSL	185°, 12%, 79%
HSV	185°, 6%, 81%
XYZ	55.7509, 60.2982, 67.9078
YIQ	202.5260, -7.4730, -2.2330

Conversions

Conversions Part 2

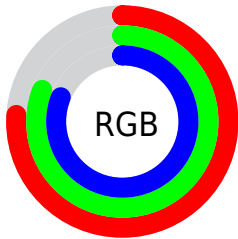
Format	Color
RYB	194, 200, 207
Decimal	12766927
CIELab	82.00, -3.87, -1.91
CIELCh	82, 4.316, 206.285
Yxy	60.2982, 0.3031, 0.3278
Android (android.graphics.Color)	4290957007 (0xFFC2CECF)
YUV	202.5260, 2.2057, -7.4773
Hunter-Lab	77.6519, -7.7351, 2.5063

Details

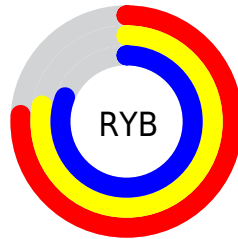
The CIELCh color $82, 4.316, 206.285$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 4.493, 26.390$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 1.389, 199.794$, and $62, 4.541, 206.203$ is the 20% darker color. If you saturate the color by 10%, you get $80, 10.895, 205.960$, and if you desaturate by 10%, it is $84, 2.621, 26.198$.

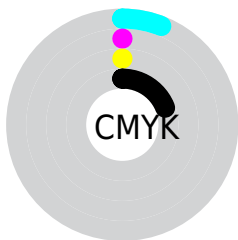
Distribution



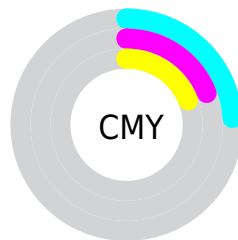
- Red (76%)
- Green (81%)
- Blue (81%)



- Red (76%)
- Yellow (78%)
- Blue (81%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (24%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 4.316, 206.285 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, 4.316, 206.285 by changing the saturation by 10% instead.

■ 82, 4.316, 206.285

■ 82, 4.316, 206.285

■ 100, 4.316,
206.285

■ 72, 4.316, 206.285

■ 62, 4.316, 206.285

■ 52, 4.316, 206.285

■ 42, 4.316, 206.285

■ 32, 4.316, 206.285

■ 22, 4.316, 206.285

■ 12, 4.316, 206.285

■ 2, 4.316, 206.285

■ 0, 4.316, 206.285

82, 4.316, 206.285

82, 4.316, 206.285

80, 10.895,
205.960

84, 2.621, 26.198

78, 17.009,
205.807

86, 9.828, 26.698

77, 22.546,
205.771

88, 16.666, 27.280

76, 27.393,
205.870

89, 15.790, 33.558

74, 31.447,
206.126

89, 15.431, 36.943

73, 34.630,
206.567

90, 15.129, 40.476

72, 36.900,
207.221

90, 14.889, 44.137

72, 38.272,
208.114

90, 14.712, 47.900

■ 71, 38.834,
209.263

Harmonies

Complementary

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



82, 4.316, 206.285



80, 4.493, 26.390

Rectangle

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



82, 4.316, 206.285



82, 4.316, 256.285



82, 4.316, 26.285



82, 4.316, 76.285

Sweetspot

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



82, 4.317, 206.260



100, 1.645, 206.649



82, 8.036, 145.952



53, 0.935, 206.673



0, 0.000, 0.000



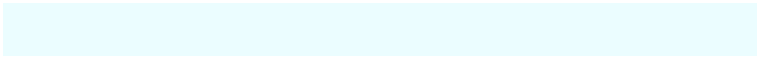
53, 0.007, 296.813

Same Dimension

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



82, 4.317, 206.260



98, 6.483, 206.185



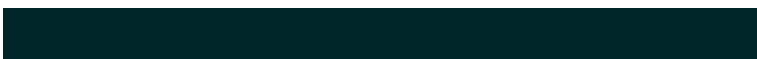
80, 4.380, 263.165



43, 3.901, 206.140



58, 33.385, 209.514



13, 12.965, 206.747

Inverse Universe

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



80, 8.000, 326.896



95, 12.083, 327.008



81, 4.406, 81.418



41, 7.301, 327.087



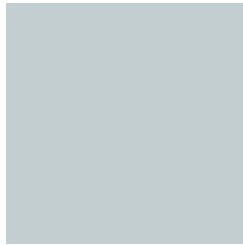
39, 79.751, 331.515



5, 29.344, 330.455

Previews

White Background



This preview shows how the CIELCh color 82, 4.316, 206.285 looks on a white background.

Color Contrast Check

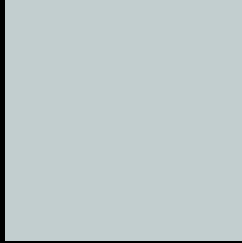
Large Text (above 18pt) WCAG AA × Fail

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, 4.316, 206.285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

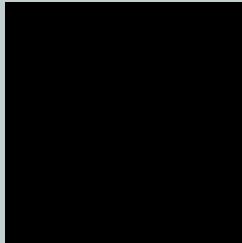
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

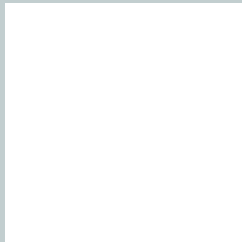
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 4.316, 206.285

Background



This preview shows how black text looks on a background with the CIELCh color 82, 4.316, 206.285.

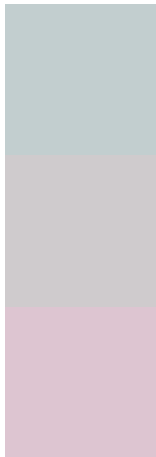


This preview shows how white text looks on a background with the CIELCh color 82, 4.316, 206.285.

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

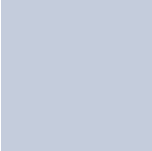
82, 4.316, 206.285

Protanopia

82, 1.818, 343.579

Deuteranopia

82, 10.872, 344.527



Tritanopia
82, 8.876, 272.597

Trichromacy



Original Color
82, 4.316, 206.285

Protanomaly
82, 1.280, 255.947

Deuteranomaly
82, 5.866, 333.491

Tritanomaly
82, 6.305, 256.688

Monochromacy



Original Color
82, 4.316, 206.285

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 1.535, 219.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 4.316, 206.285 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(194, 206, 207)` looks like.

```
.text, #text, p{  
    color:rgb(194, 206, 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(194, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 206, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 4.316, 206.285 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(194, 206, 207) }
```

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

```
.border{ border-color:rgb(194, 206, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 206, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 206, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 206, 207);  
box-shadow:4px 4px 4px 4px rgb(194, 206,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 4.316, 206.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 206, 207) }
```

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

```
.background{ background-color: rgb(194,  
206, 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