

Converting Colors

CIELCh(82, 5.002, 199.148)

Have a look what the booklet for
CIELCh(82, 5.002, 199.148) contains.

CIELCh(82, 5.002, 199.148)	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, 5.002, 199.148)

Conversions

Conversions Part 1

Format	Color
Hex	C1CFCF
RGB	193, 207, 207
RGB Percent	76%, 81%, 81%
CMY	0.2441, 0.1892, 0.1892
CMYK	0.07, 0.00, 0.00, 0.19
HSL	180°, 13%, 78%
HSV	180°, 7%, 81%
XYZ	55.4097, 60.2982, 67.5857
YIQ	202.8140, -8.3440, -2.9680

Conversions

Conversions Part 2

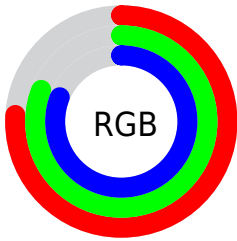
Format	Color
R_{YB}	193, 200, 207
Decimal	12701647
CIE _{Lab}	82.00, -4.73, -1.64
CIE _{LCh}	82, 5.002, 199.148
Yxy	60.2982, 0.3023, 0.3290
Android (android.graphics.Color)	4290891727 (0xFFC1CFCF)
YUV	202.8140, 2.0637, -8.6069
Hunter-Lab	77.6519, -8.5194, 2.7523

Details

The CIELCh color **82, 5.002, 199.148** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 5.219, 19.697**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 2.081, 199.592**, and **62, 5.262, 199.004** is the 20% darker color. If you saturate the color by 10%, you get **81, 12.064, 198.544**, and if you desaturate by 10%, it is **84, 2.439, 19.338**.

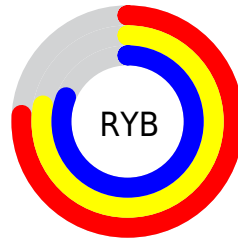
Distribution



Red (76%)

Green (81%)

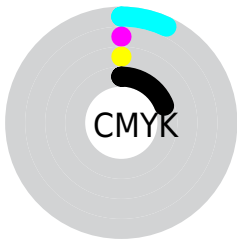
Blue (81%)



Red (76%)

Yellow (78%)

Blue (81%)

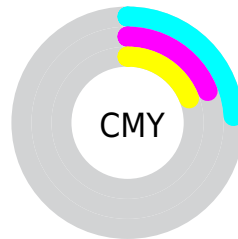


Cyan (7%)

Magenta (0%)

Yellow (0%)

Black (19%)



Cyan (24%)

Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 5.002, 199.148 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, 5.002, 199.148 by changing the saturation by 10% instead.

■ 82, 5.002, 199.148

■ 82, 5.002, 199.148

■ 100, 5.002,
199.148

■ 72, 5.002, 199.148

■ 62, 5.002, 199.148

■ 52, 5.002, 199.148

■ 42, 5.002, 199.148

■ 32, 5.002, 199.148

■ 22, 5.002, 199.148

■ 12, 5.002, 199.148

■ 2, 5.002, 199.148

■ 0, 5.002, 199.148

82, 5.002, 199.148

82, 5.002, 199.148

81, 12.064,
198.544

84, 2.439, 19.338

79, 18.627,
198.053

85, 10.159, 20.097

78, 24.572,
197.623

87, 18.066, 20.725

77, 29.783,
197.253

87, 18.153, 20.717

77, 34.158,
196.948

87, 18.153, 20.709

76, 37.626,
196.709

87, 18.152, 20.694

76, 40.160,
196.535

87, 18.152, 20.687

76, 41.786,
196.423

■ 75, 42.609,
196.365

Harmonies

Complementary

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



82, 5.002, 199.148



79, 5.219, 19.697

Rectangle

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



82, 5.002, 199.148



82, 5.002, 249.148



82, 5.002, 19.148



82, 5.002, 69.148

Sweetspot

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



82, 5.003, 199.128



100, 1.770, 199.649



82, 9.016, 143.648



53, 1.006, 199.674



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, 5.003, 199.128



99, 6.985, 199.039



80, 4.397, 254.525



43, 4.203, 198.956



62, 36.718, 196.353



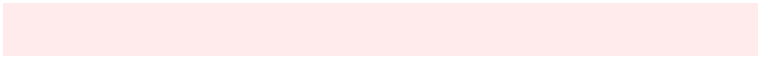
14, 14.040, 196.359

Inverse Universe

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



79, 5.219, 19.697



94, 7.349, 19.804



81, 4.467, 72.700



41, 4.460, 19.909



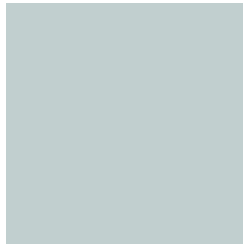
35, 76.446, 39.855



4, 20.018, 19.456

Previews

White Background



This preview shows how the CIELCh color 82, 5.002, 199.148 looks on a white background.

Color Contrast Check

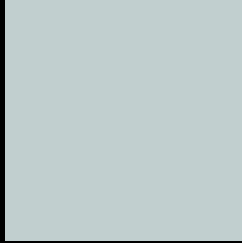
Large Text (above 18pt) WCAG AA × Fail

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, 5.002, 199.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

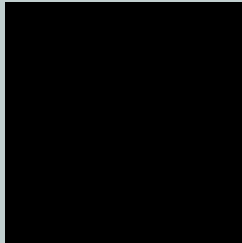
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

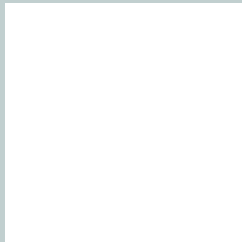
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 5.002, 199.148

Background



This preview shows how black text looks on a background with the CIELCh color 82, 5.002, 199.148.

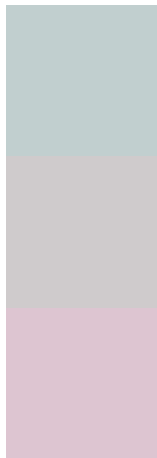


This preview shows how white text looks on a background with the CIELCh color 82, 5.002, 199.148.

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, 5.002, 199.148

Protanopia

82, 1.563, 359.370

Deuteranopia

82, 10.872, 344.527



Tritanopia
82, 9.093, 268.435

Trichromacy



Original Color
82, 5.002, 199.148

Protanomaly
82, 0.896, 236.367

Deuteranomaly
82, 5.228, 334.539

Tritanomaly
82, 6.699, 251.672

Monochromacy



Original Color
82, 5.002, 199.148

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 1.808, 199.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 5.002, 199.148 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(193, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(193, 207, 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(193, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 207, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 5.002, 199.148 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(193, 207, 207) }
```

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

```
.border{ border-color:rgb(193, 207, 207) }
```

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

Here you see how a box with a 4 pixel rgb(193, 207, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(193, 207,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 5.002, 199.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 207, 207) }
```

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

```
.background{ background-color: rgb(193,  
207, 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](#).

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