

Converting Colors

CIELCh(82, 6.065, 198.695)

Have a look what the booklet for
CIELCh(82, 6.065, 198.695) contains.

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Color

CIELCh(82, 6.053, 199.051)

Conversions

Conversions Part 1

Format	Color
Hex	BECFCF
RGB	190, 207, 207
RGB Percent	75%, 81%, 81%
CMY	0.2536, 0.1869, 0.1869
CMYK	0.08, 0.00, 0.00, 0.19
HSL	180°, 15%, 78%
HSV	180°, 8%, 81%
XYZ	55.0142, 60.2982, 67.9847
YIQ	201.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

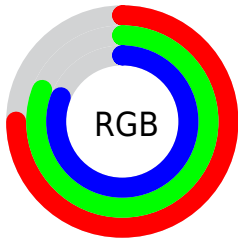
Format	Color
R_{YB}	190, 199, 207
Decimal	12505039
CIE _{Lab}	82.00, -5.72, -1.98
CIE _{LCh}	82, 6.053, 199.051
Yxy	60.2982, 0.3001, 0.3290
Android (android.graphics.Color)	4290695119 (0xFFBECFCF)
YUV	201.9170, 2.5059, -10.4512
Hunter-Lab	77.6519, -9.4286, 2.4476

Details

The CIELCh color **82, 6.053, 199.051** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 6.373, 19.816**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 199.421**, and **62, 5.994, 198.926** is the 20% darker color. If you saturate the color by 10%, you get **81, 13.067, 198.472**, and if you desaturate by 10%, it is **84, 1.357, 19.073**.

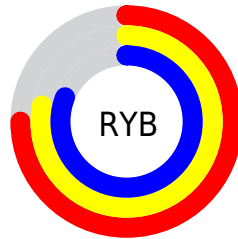
Distribution



Red (75%)

Green (81%)

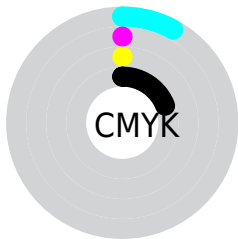
Blue (81%)



Red (75%)

Yellow (78%)

Blue (81%)

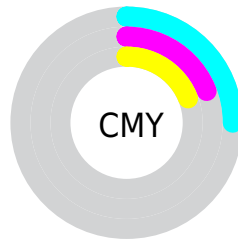


Cyan (8%)

Magenta (0%)

Yellow (0%)

Black (19%)



Cyan (25%)

Magenta (19%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 6.053, 199.051 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, 6.053, 199.051 by changing the saturation by 10% instead.

■ 82, 6.053, 199.051

■ 82, 6.053, 199.051

■ 100, 6.053,
199.051

■ 72, 6.053, 199.051

■ 62, 6.053, 199.051

■ 52, 6.053, 199.051

■ 42, 6.053, 199.051

■ 32, 6.053, 199.051

■ 22, 6.053, 199.051

■ 12, 6.053, 199.051

■ 2, 6.053, 199.051

■ 0, 6.053, 199.051

82, 6.053, 199.051

82, 6.053, 199.051

81, 13.067,
198.472

84, 1.357, 19.073

79, 19.564,
197.990

85, 9.061, 20.008

78, 25.424,
197.569

87, 16.964, 20.638

78, 30.531,
197.209

87, 17.915, 20.707

77, 34.789,
196.913

87, 17.915, 20.700

76, 38.130,
196.684

87, 17.915, 20.694

76, 40.535,
196.519

87, 17.914, 20.687

76, 42.040,
196.416

87, 17.914, 20.681

87, 17.914, 20.674

■ 76, 42.781,
196.364

Harmonies

Complementary

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



82, 6.053, 199.051



78, 6.373, 19.816

Rectangle

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



82, 6.053, 199.051



82, 6.053, 249.051



82, 6.053, 19.051



82, 6.053, 69.051

Sweetspot

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



82, 6.054, 199.035



100, 1.770, 199.651



82, 10.960, 143.557



53, 1.006, 199.676



0, 0.000, 0.000



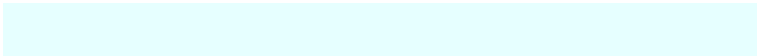
53, 0.007, 296.813

Same Dimension

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



82, 6.054, 199.035



98, 8.687, 198.916



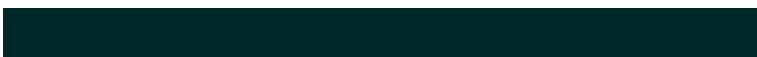
80, 5.333, 254.701



43, 4.203, 198.959



62, 36.717, 196.357



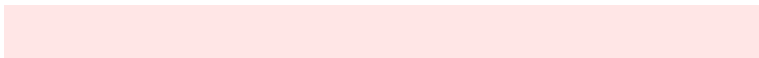
14, 14.040, 196.363

Inverse Universe

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



78, 6.373, 19.816



93, 9.259, 19.968



81, 5.444, 72.544



41, 4.460, 19.912



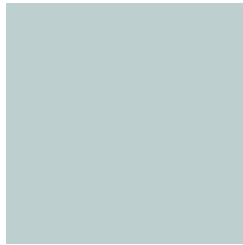
35, 76.447, 39.856



4, 20.018, 19.458

Previews

White Background



This preview shows how the CIELCh color 82, 6.053, 199.051 looks on a white background.

Color Contrast Check

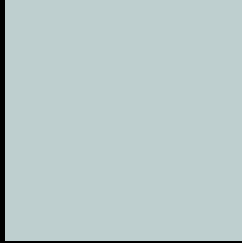
Large Text (above 18pt) WCAG AA × Fail

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, 6.053, 199.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

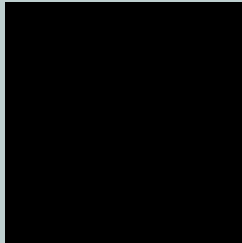
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

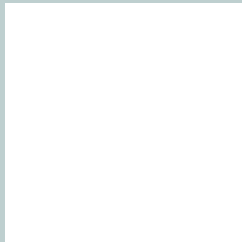
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 6.053, 199.051

Background



This preview shows how black text looks on a background with the CIELCh color 82, 6.053, 199.051.

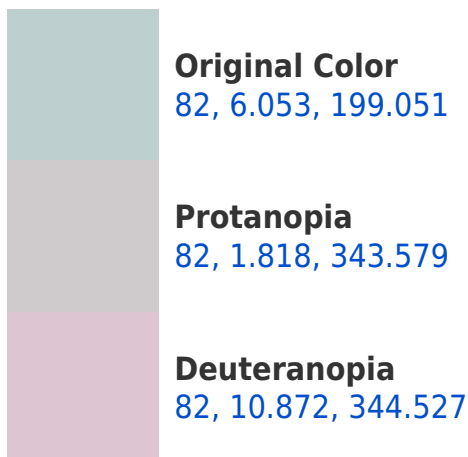


This preview shows how white text looks on a background with the CIELCh color 82, 6.053, 199.051.

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, 9.361, 264.516

Trichromacy



Original Color
82, 6.053, 199.051

Protanomaly
82, 1.533, 219.895

Deuteranomaly
82, 4.979, 331.521

Tritanomaly
82, 7.140, 247.268

Monochromacy



Original Color
82, 6.053, 199.051

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 2.168, 199.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 6.053, 199.051 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(190, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(190, 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(190, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 207, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 6.053, 199.051 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(190, 207, 207) }
```

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

```
.border{ border-color:rgb(190, 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(190, 207, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(190, 207,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 6.053, 199.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 207, 207) }
```

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

```
.background{ background-color: rgb(190,  
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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