

Converting Colors

CIELCh(79, 2.934, 219.796)

Have a look what the booklet for
CIELCh(79, 2.934, 219.796) contains.

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Color

CIELCh(79, 3.066, 219.780)

Conversions

Conversions Part 1

Format	Color
Hex	BDC5C7
RGB	189, 197, 199
RGB Percent	74%, 77%, 78%
CMY	0.2585, 0.2271, 0.2193
CMYK	0.05, 0.01, 0.00, 0.22
HSL	192°, 8%, 76%
HSV	192°, 5%, 78%
XYZ	51.3117, 54.9284, 61.9825
YIQ	194.8360, -5.4100, -1.0740

Conversions

Conversions Part 2

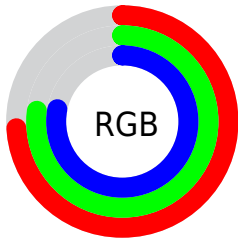
Format	Color
R_{YB}	189, 193, 199
Decimal	12436935
CIE _{Lab}	79.00, -2.36, -1.96
CIE _{LCh}	79, 3.066, 219.780
Yxy	54.9284, 0.3050, 0.3265
Android (android.graphics.Color)	4290627015 (0xFFBDC5C7)
YUV	194.8360, 2.0529, -5.1182
Hunter-Lab	74.1137, -6.1166, 2.2944

Details

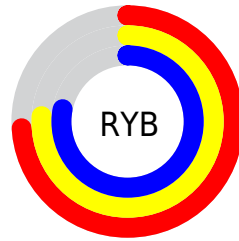
The CIELCh color **79, 3.066, 219.780** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78, 3.158, 39.169**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.146, 208.740**, and **59, 2.888, 222.451** is the 20% darker color. If you saturate the color by 10%, you get **77, 8.939, 219.984**, and if you desaturate by 10%, it is **82, 3.098, 39.164**.

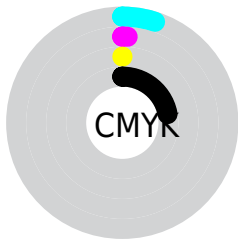
Distribution



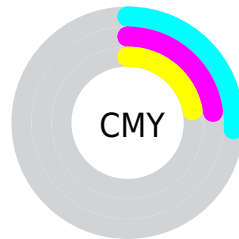
- Red (74%)
- Green (77%)
- Blue (78%)



- Red (74%)
- Yellow (76%)
- Blue (78%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (26%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 3.066, 219.780 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 79, 3.066, 219.780 by changing the saturation by 10% instead.

■ 79, 3.066, 219.780

■ 79, 3.066, 219.780

■ 100, 3.066,
219.780

■ 69, 3.066, 219.780

■ 99, 3.066, 219.780

■ 59, 3.066, 219.780

■ 49, 3.066, 219.780

■ 39, 3.066, 219.780

■ 29, 3.066, 219.780

■ 19, 3.066, 219.780

■ 9, 3.066, 219.780

■ 0, 3.066, 219.780

■ 79, 3.066, 219.780

■ 79, 3.066, 219.780

77, 8.939, 219.984

82, 3.098, 39.164

74, 14.439,
220.486

84, 9.484, 39.156

72, 19.477,
221.215

87, 16.033, 39.131

70, 23.960,
222.217

88, 17.651, 44.407

68, 27.802,
223.558

89, 17.297, 52.423

66, 30.936,
225.314

90, 17.297, 60.593

64, 33.328,
227.567

91, 17.651, 68.580

63, 35.003,
230.398

92, 18.336, 76.090

61, 36.058,
233.859

93, 19.313, 82.926

Harmonies

Complementary

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



79, 3.066, 219.780



78, 3.158, 39.169

Rectangle

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



79, 3.066, 219.780



79, 3.066, 269.780



79, 3.066, 39.780



79, 3.066, 89.780

Sweetspot

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



79, 3.066, 219.743



99, 1.504, 219.919



79, 5.726, 149.695



53, 0.855, 219.939



0, 0.000, 0.000



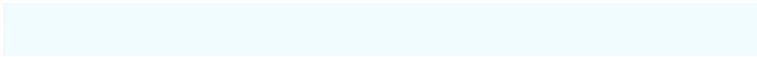
53, 0.007, 296.813

Same Dimension

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



79, 3.066, 219.743



98, 4.467, 219.743



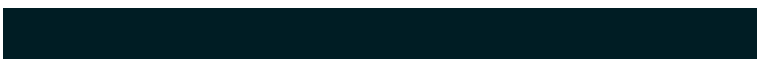
78, 3.823, 273.118



41, 2.413, 219.747



50, 31.431, 235.095



9, 11.167, 226.202

Inverse Universe

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



78, 5.680, 330.772



96, 8.301, 330.847



79, 3.807, 91.765



40, 4.490, 330.880



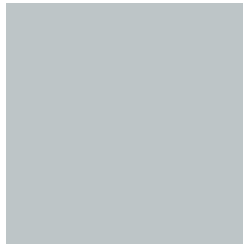
37, 70.982, 338.025



4, 22.453, 335.005

Previews

White Background



This preview shows how the CIE LCh color 79, 3.066, 219.780 looks on a white background.

Color Contrast Check

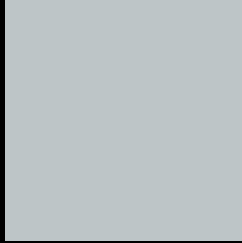
Large Text (above 18pt) WCAG AA × Fail

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 79, 3.066, 219.780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

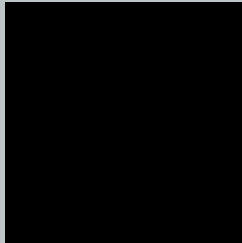
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

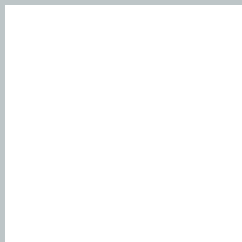
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 3.066, 219.780

Background



This preview shows how black text looks on a background with the CIELCh color 79, 3.066, 219.780.

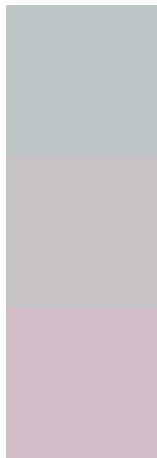


This preview shows how white text looks on a background with the CIELCh color 79, 3.066, 219.780.

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

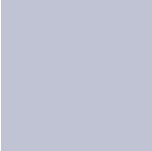
79, 3.066, 219.780

Protanopia

79, 2.612, 324.454

Deuteranopia

79, 10.654, 343.353



Tritanopia
79, 8.641, 281.553

Trichromacy



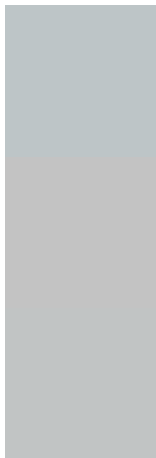
Original Color
79, 3.066, 219.780

Protanomaly
79, 1.610, 290.363

Deuteranomaly
79, 6.168, 336.018

Tritanomaly
79, 6.215, 270.636

Monochromacy



Original Color
79, 3.066, 219.780

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 1.095, 199.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 3.066, 219.780 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, 197, 199)` looks like.

```
.text, #text, p{  
    color:rgb(189, 197, 199)  
}
```

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, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 197, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 3.066, 219.780 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, 197, 199) }
```

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

```
.border{ border-color:rgb(189, 197, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 197, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 197, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 197, 199);  
box-shadow:4px 4px 4px 4px rgb(189, 197,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 3.066, 219.780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 197, 199) }
```

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

```
.background{ background-color: rgb(189,  
197, 199) }
```

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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