

Converting Colors

CIELCh(79, 9.090, 244.045)

Have a look what the booklet for
CIELCh(79, 9.090, 244.045) contains.

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Color

CIELCh(79, 9.097, 244.053)

Conversions

Conversions Part 1

Format	Color
Hex	B3C6D2
RGB	179, 198, 210
RGB Percent	70%, 78%, 82%
CMY	0.2962, 0.2216, 0.1745
CMYK	0.15, 0.06, 0.00, 0.17
HSL	203°, 26%, 76%
HSV	203°, 15%, 83%
XYZ	50.7001, 54.9284, 69.2232
YIQ	193.6870, -15.1760, -0.2960

Conversions

Conversions Part 2

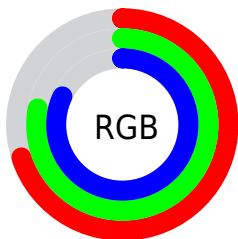
Format	Color
RYB	179, 191, 210
Decimal	11781842
CIELab	79.00, -3.98, -8.18
CIELCh	79, 9.097, 244.053
Yxy	54.9284, 0.2900, 0.3141
Android (android.graphics.Color)	4289971922 (0xFFB3C6D2)
YUV	193.6870, 8.0423, -12.8805
Hunter-Lab	74.1137, -7.5897, -3.4981

Details

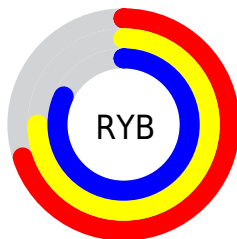
The CIELCh color `79, 9.097, 244.053` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `79, 9.702, 60.841`, and the grayscale version is `78, 0.009, 296.813`.

A 20% lighter version of the original color is `99, 6.851, 199.068`, and `59, 9.299, 246.234` is the 20% darker color. If you saturate the color by 10%, you get `75, 15.011, 245.470`, and if you desaturate by 10%, it is `83, 2.967, 242.962`.

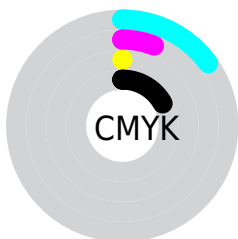
Distribution



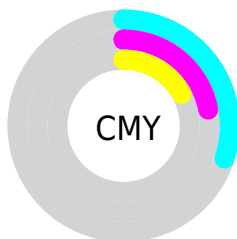
- Red (70%)
- Green (78%)
- Blue (82%)



- Red (70%)
- Yellow (75%)
- Blue (82%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (17%)



- Cyan (30%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 9.097, 244.053 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, 9.097, 244.053 by changing the saturation by 10% instead.

■ 79, 9.097, 244.053

■ 79, 9.097, 244.053

■ 100, 9.097,
244.053

■ 69, 9.097, 244.053

■ 99, 9.097, 244.053

■ 59, 9.097, 244.053

■ 49, 9.097, 244.053

■ 39, 9.097, 244.053

■ 29, 9.097, 244.053

■ 19, 9.097, 244.053

■ 9, 9.097, 244.053

■ 0, 9.097, 244.053

■ 79, 9.097, 244.053

■ 79, 9.097, 244.053

75, 15.011,
245.470

83, 2.967, 242.962

72, 20.660,
247.234

86, 3.328, 61.685

69, 25.994,
249.401

90, 9.745, 60.969

65, 30.977,
252.047

95, 15.833, 87.141

62, 35.597,
255.248

97, 18.949,
100.084

59, 39.886,
259.055

99, 22.482,
108.474

56, 43.933,
263.466

54, 47.879,
268.382

52, 50.009,

270.999

Harmonies

Complementary

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



79, 9.097, 244.053



79, 9.702, 60.841

Rectangle

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



79, 9.097, 244.053



79, 9.097, 294.053



79, 9.097, 64.053



79, 9.097, 114.053

Sweetspot

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



79, 9.096, 244.042



98, 2.934, 242.915



82, 15.248, 156.738



52, 2.082, 242.967



0, 0.000, 0.000



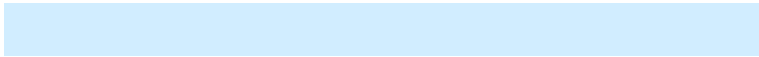
53, 0.007, 296.813

Same Dimension

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



79, 9.096, 244.042



92, 12.913, 244.502



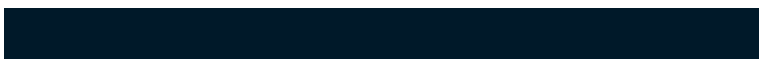
75, 14.830, 286.713



42, 3.513, 243.409



42, 41.833, 270.132



8, 13.902, 258.536

Inverse Universe

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



76, 15.369, 339.128



88, 21.993, 339.416



83, 14.467, 103.411



41, 5.861, 338.694



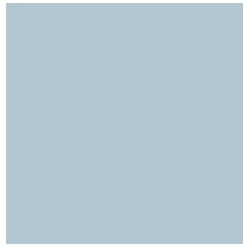
37, 64.482, 351.564



5, 23.235, 346.412

Previews

White Background



This preview shows how the CIELCh color 79, 9.097, 244.053 looks on a white background.

Color Contrast Check

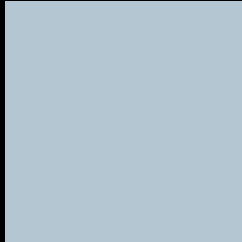
Large Text (above 18pt) WCAG AA × Fail

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 79, 9.097, 244.053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

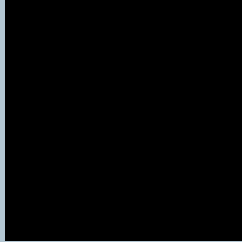
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

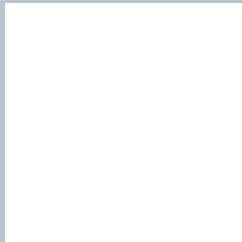
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 9.097, 244.053

Background



This preview shows how black text looks on a background with the CIELCh color 79, 9.097, 244.053.

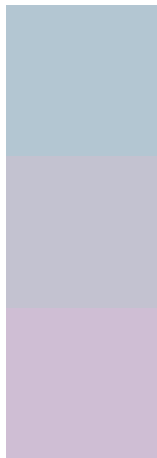


This preview shows how white text looks on a background with the CIELCh color 79, 9.097, 244.053.

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, 9.097, 244.053

Protanopia

79, 7.503, 293.588

Deuteranopia

79, 13.317, 318.423



Tritanopia
79, 10.438, 254.333

Trichromacy



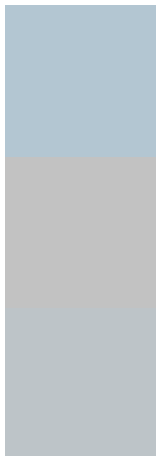
Original Color
79, 9.097, 244.053

Protanomaly
79, 7.327, 271.063

Deuteranomaly
79, 9.758, 299.425

Tritanomaly
79, 10.024, 252.407

Monochromacy



Original Color
79, 9.097, 244.053

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 3.282, 240.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 9.097, 244.053 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(179, 198, 210)` looks like.

```
.text, #text, p{  
    color:rgb(179, 198, 210)  
}
```

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(179, 198, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 198, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 9.097, 244.053 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(179, 198, 210) }
```

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

```
.border{ border-color:rgb(179, 198, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 198, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 198, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 198, 210);  
box-shadow:4px 4px 4px 4px rgb(179, 198,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 9.097, 244.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 198, 210) }
```

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

```
.background{ background-color: rgb(179,  
198, 210) }
```

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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