

Converting Colors

CIELCh(79, 4.751, 234.451)

Have a look what the booklet for
CIELCh(79, 4.751, 234.451) contains.

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Color

CIELCh(79, 5.021, 239.017)

Conversions

Conversions Part 1

Format	Color
Hex	BAC5CB
RGB	186, 197, 203
RGB Percent	73%, 77%, 80%
CMY	0.2691, 0.2259, 0.2024
CMYK	0.08, 0.03, 0.00, 0.20
HSL	201°, 14%, 76%
HSV	201°, 8%, 80%
XYZ	51.2254, 54.9284, 64.6481
YIQ	194.3950, -8.4820, -0.4660

Conversions

Conversions Part 2

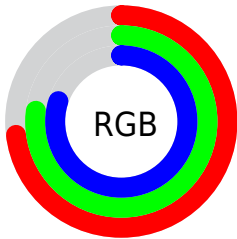
Format	Color
RYB	186, 193, 203
Decimal	12240331
CIELab	79.00, -2.58, -4.30
CIELCh	79, 5.021, 239.017
Yxy	54.9284, 0.2999, 0.3216
Android (android.graphics.Color)	4290430411 (0xFFBAC5CB)
YUV	194.3950, 4.2423, -7.3624
Hunter-Lab	74.1137, -6.3246, 0.1620

Details

The CIELCh color $79, 5.021, 239.017$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 5.216, 57.299$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 4.161, 206.343$, and $59, 5.015, 242.018$ is the 20% darker color. If you saturate the color by 10%, you get $76, 10.824, 240.094$, and if you desaturate by 10%, it is $82, 0.993, 57.480$.

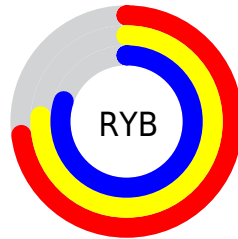
Distribution



Red (73%)

Green (77%)

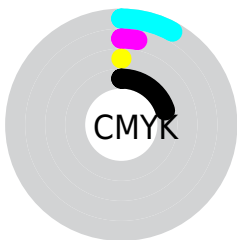
Blue (80%)



Red (73%)

Yellow (76%)

Blue (80%)

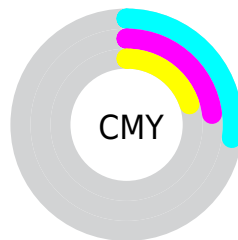


Cyan (8%)

Magenta (3%)

Yellow (0%)

Black (20%)



Cyan (27%)

Magenta (23%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 5.021, 239.017 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, 5.021, 239.017 by changing the saturation by 10% instead.

■ 79, 5.021, 239.017

■ 79, 5.021, 239.017

■ 100, 5.021,
239.017

■ 69, 5.021, 239.017

■ 99, 5.021, 239.017

■ 59, 5.021, 239.017

■ 49, 5.021, 239.017

■ 39, 5.021, 239.017

■ 29, 5.021, 239.017

■ 19, 5.021, 239.017

■ 9, 5.021, 239.017

■ 0, 5.021, 239.017

■ 79, 5.021, 239.017

■ 79, 5.021, 239.017

76, 10.824,
240.094

82, 0.993, 57.480

72, 16.362,
241.504

86, 7.166, 57.138

69, 21.576,
243.262

89, 13.456, 56.546

66, 26.411,
245.442

92, 16.076, 66.327

63, 30.828,
248.127

93, 17.426, 80.809

60, 34.819,
251.398

95, 19.705, 92.492

58, 38.422,
255.307

97, 22.620,
101.380

55, 41.738,
259.849

99, 25.940,
108.039

53, 44.944,

99, 26.038,
108.201

264.859

Harmonies

Complementary

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



79, 5.021, 239.017



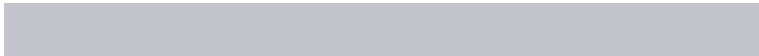
79, 5.216, 57.299

Rectangle

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



79, 5.021, 239.017



79, 5.021, 289.017



79, 5.021, 59.017



79, 5.021, 109.017

Sweetspot

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



79, 5.021, 238.995



99, 2.186, 238.639



80, 8.608, 155.814



52, 1.654, 238.660



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, 5.021, 238.995



96, 7.192, 239.165



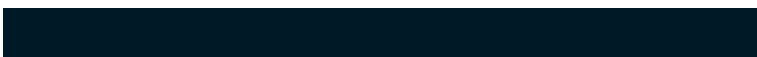
77, 7.808, 284.215



41, 3.408, 239.092



43, 38.695, 264.835



7, 12.655, 253.223

Inverse Universe

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



77, 8.643, 337.057



94, 12.439, 337.196



81, 7.704, 102.329



40, 5.883, 337.138



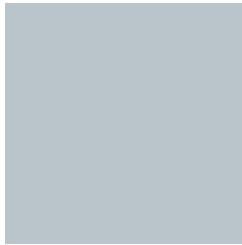
36, 64.904, 348.730



4, 21.830, 344.069

Previews

White Background



This preview shows how the CIE LCh color 79, 5.021, 239.017 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, 5.021, 239.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

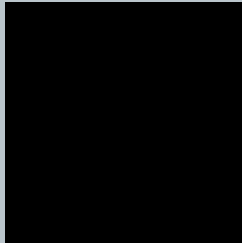
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

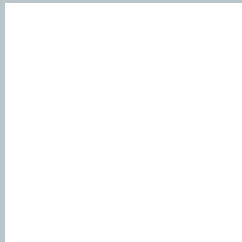
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 5.021, 239.017

Background



This preview shows how black text looks on a background with the CIELCh color 79, 5.021, 239.017.



This preview shows how white text looks on a background with the CIELCh color 79, 5.021, 239.017.

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
79, 8.940, 272.652

Trichromacy



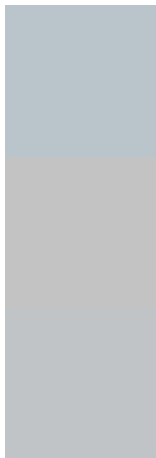
Original Color
79, 5.021, 239.017

Protanomaly
79, 4.328, 281.005

Deuteranomaly
79, 6.593, 316.787

Tritanomaly
79, 7.250, 261.635

Monochromacy



Original Color
79, 5.021, 239.017

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 1.794, 236.213

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 5.021, 239.017 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(186, 197, 203)` looks like.

```
.text, #text, p{  
    color:rgb(186, 197, 203)  
}
```

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(186, 197, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 197, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 5.021, 239.017 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(186, 197, 203) }
```

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

```
.border{ border-color:rgb(186, 197, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 197, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 197, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 197, 203);  
box-shadow:4px 4px 4px 4px rgb(186, 197,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 5.021, 239.017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 197, 203) }
```

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

```
.background{ background-color: rgb(186,  
197, 203) }
```

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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