

Converting Colors

CIELCh(79, 3.428, 246.443)

Have a look what the booklet for
CIELCh(79, 3.428, 246.443) contains.

CIELCh(79, 3.279, 240.114)	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(79, 3.279, 240.114)

Conversions

Conversions Part 1

Format	Color
Hex	BEC5C9
RGB	190, 197, 201
RGB Percent	75%, 77%, 79%
CMY	0.2559, 0.2285, 0.2128
CMYK	0.05, 0.02, 0.00, 0.21
HSL	202°, 9%, 77%
HSV	202°, 5%, 79%
XYZ	51.5853, 54.9284, 62.9763
YIQ	195.3630, -5.4560, -0.2400

Conversions

Conversions Part 2

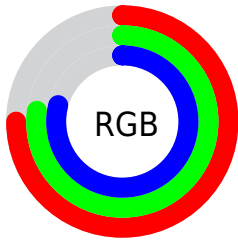
Format	Color
RYB	190, 194, 201
Decimal	12502473
CIELab	79.00, -1.63, -2.84
CIELCh	79, 3.279, 240.114
Yxy	54.9284, 0.3044, 0.3241
Android (android.graphics.Color)	4290692553 (0xFFBEC5C9)
YUV	195.3630, 2.7790, -4.7034
Hunter-Lab	74.1137, -5.4576, 1.4994

Details

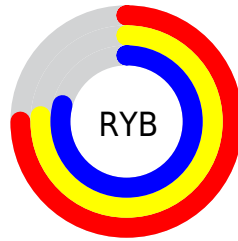
The CIELCh color $79, 3.279, 240.114$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 3.352, 58.784$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 2.808, 209.918$, and $59, 3.189, 244.721$ is the 20% darker color. If you saturate the color by 10%, you get $76, 9.106, 241.107$, and if you desaturate by 10%, it is $82, 2.732, 58.848$.

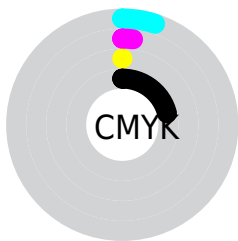
Distribution



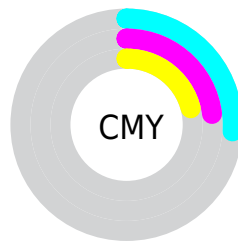
- Red (75%)
- Green (77%)
- Blue (79%)



- Red (75%)
- Yellow (76%)
- Blue (79%)



- Cyan (5%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (26%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 3.279, 240.114 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, 3.279, 240.114 by changing the saturation by 10% instead.

■ 79, 3.279, 240.114

■ 79, 3.279, 240.114

■ 100, 3.279,
240.114

■ 69, 3.279, 240.114

■ 99, 3.279, 240.114

■ 59, 3.279, 240.114

■ 49, 3.279, 240.114

■ 39, 3.279, 240.114

■ 29, 3.279, 240.114

■ 19, 3.279, 240.114

■ 9, 3.279, 240.114

■ 0, 3.279, 240.114

■ 79, 3.279, 240.114

■ 79, 3.279, 240.114

76, 9.106, 241.107

82, 2.732, 58.848

72, 14.698,
242.467

86, 8.880, 58.218

69, 20.001,
244.161

89, 15.127, 57.621

66, 24.960,
246.255

92, 17.116, 68.873

63, 29.536,
248.831

95, 21.035, 93.430

60, 33.711,
251.968

97, 24.029,
101.816

57, 37.513,
255.726

99, 27.368,
108.099

55, 41.024,
260.114

52, 44.386,
265.044

Harmonies

Complementary

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



79, 3.279, 240.114



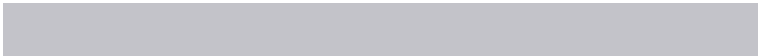
79, 3.352, 58.784

Rectangle

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



79, 3.279, 240.114



79, 3.279, 290.114



79, 3.279, 60.114



79, 3.279, 110.114

Sweetspot

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



79, 3.279, 240.078



99, 1.465, 239.983



80, 5.570, 156.053



53, 0.833, 239.993



0, 0.000, 0.000



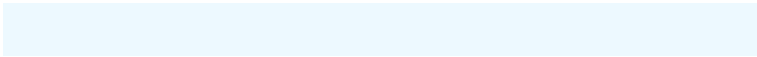
53, 0.007, 296.813

Same Dimension

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



79, 3.279, 240.078



97, 5.073, 240.212



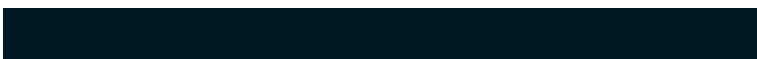
78, 5.042, 283.882



41, 2.685, 240.249



42, 38.990, 266.440



7, 12.003, 254.832

Inverse Universe

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



78, 5.548, 337.293



95, 8.620, 337.426



80, 4.988, 102.634



40, 4.567, 337.459



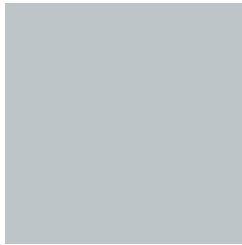
36, 63.818, 349.542



4, 19.539, 344.503

Previews

White Background



This preview shows how the CIE LCh color 79, 3.279, 240.114 looks on a white background.

Color Contrast Check

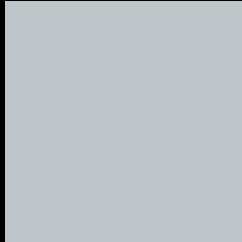
Large Text (above 18pt) WCAG AA × Fail

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, 3.279, 240.114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

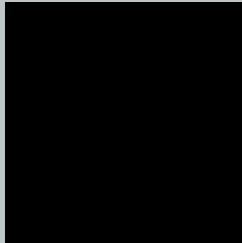
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

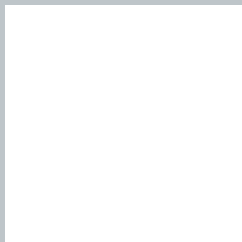
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 3.279, 240.114

Background



This preview shows how black text looks on a background with the CIELCh color 79, 3.279, 240.114.

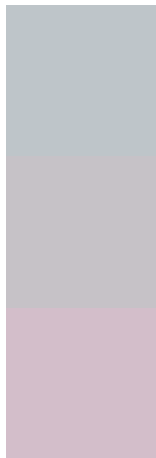


This preview shows how white text looks on a background with the CIELCh color 79, 3.279, 240.114.

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

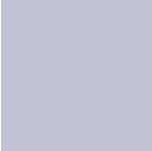
79, 3.279, 240.114

Protanopia

79, 3.068, 318.854

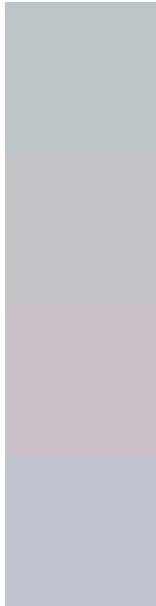
Deuteranopia

79, 10.064, 340.731



Tritanopia
79, 8.641, 281.553

Trichromacy



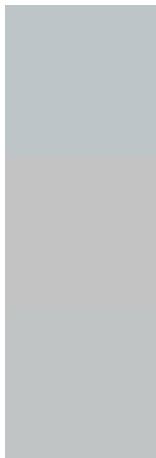
Original Color
79, 3.279, 240.114

Protanomaly
79, 2.678, 290.443

Deuteranomaly
79, 6.724, 327.265

Tritanomaly
79, 6.110, 273.775

Monochromacy



Original Color
79, 3.279, 240.114

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 1.213, 225.938

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 3.279, 240.114 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, 197, 201)` looks like.

```
.text, #text, p{  
    color:rgb(190, 197, 201)  
}
```

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, 197, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 197, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 3.279, 240.114 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, 197, 201) }
```

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

```
.border{ border-color:rgb(190, 197, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 197, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 197, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 197, 201);  
box-shadow:4px 4px 4px 4px rgb(190, 197,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 3.279, 240.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 197, 201) }
```

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

```
.background{ background-color: rgb(190,  
197, 201) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor