

Converting Colors

CIELCh(79, 5.664, 215.350)

Have a look what the booklet for
CIELCh(79, 5.664, 215.350) contains.

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Color

CIELCh(79, 5.563, 215.893)

Conversions

Conversions Part 1

Format	Color
Hex	B7C6C9
RGB	183, 198, 201
RGB Percent	72%, 78%, 79%
CMY	0.2808, 0.2219, 0.2102
CMYK	0.09, 0.01, 0.00, 0.21
HSL	190°, 14%, 75%
HSV	190°, 9%, 79%
XYZ	50.5029, 54.9284, 63.4519
YIQ	193.8570, -9.9030, -2.2470

Conversions

Conversions Part 2

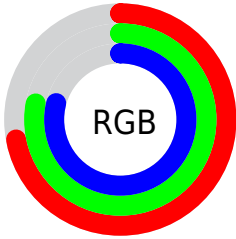
Format	Color
RYB	183, 191, 201
Decimal	12043977
CIELab	79.00, -4.51, -3.26
CIELCh	79, 5.563, 215.893
Yxy	54.9284, 0.2990, 0.3252
Android (android.graphics.Color)	4290234057 (0xFFB7C6C9)
YUV	193.8570, 3.5215, -9.5216
Hunter-Lab	74.1137, -8.0646, 1.1188

Details

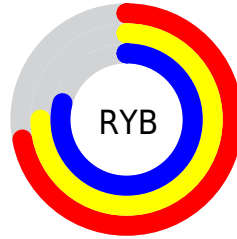
The CIELCh color **79, 5.563, 215.893** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77, 5.887, 35.544**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 5.502, 199.177**, and **59, 5.499, 217.070** is the 20% darker color. If you saturate the color by 10%, you get **77, 11.457, 216.065**, and if you desaturate by 10%, it is **81, 0.673, 34.834**.

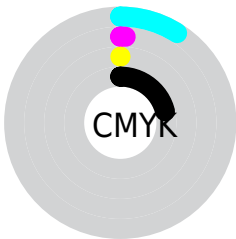
Distribution



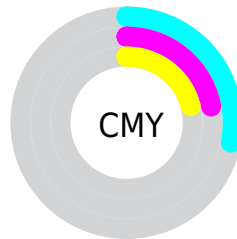
- Red (72%)
- Green (78%)
- Blue (79%)



- Red (72%)
- Yellow (75%)
- Blue (79%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)



- Cyan (28%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 5.563, 215.893 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, 5.563, 215.893 by changing the saturation by 10% instead.

■ 79, 5.563, 215.893

■ 79, 5.563, 215.893

■ 100, 5.563,
215.893

■ 69, 5.563, 215.893

■ 99, 5.563, 215.893

■ 59, 5.563, 215.893

■ 49, 5.563, 215.893

■ 39, 5.563, 215.893

■ 29, 5.563, 215.893

■ 19, 5.563, 215.893

■ 9, 5.563, 215.893

■ 0, 5.563, 215.893

■ 79, 5.563, 215.893

■ 79, 5.563, 215.893

77, 11.457,
216.065

81, 0.673, 34.834

75, 16.918,
216.450

84, 7.172, 35.556

73, 21.846,
217.043

86, 13.866, 35.643

71, 26.144,
217.892

89, 16.798, 45.347

69, 29.724,
219.053

90, 16.521, 52.450

67, 32.522,
220.594

91, 16.508, 59.669

66, 34.518,
222.588

91, 16.760, 66.772

65, 35.753,
225.102

92, 17.263, 73.546

64, 36.393,

Harmonies

Complementary

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



79, 5.563, 215.893



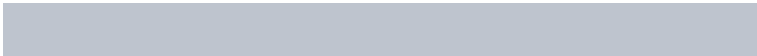
77, 5.887, 35.544

Rectangle

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



79, 5.563, 215.893



79, 5.563, 265.893



79, 5.563, 35.893



79, 5.563, 85.893

Sweetspot

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



79, 5.564, 215.874



99, 2.294, 215.979



79, 10.572, 148.312



53, 1.736, 215.928



0, 0.000, 0.000



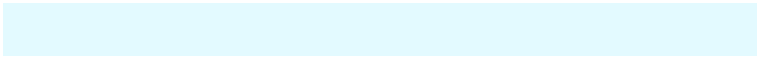
53, 0.007, 296.813

Same Dimension

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



79, 5.564, 215.874



97, 8.242, 215.896



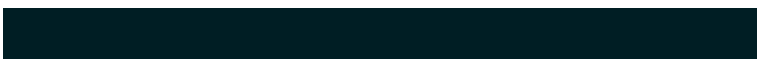
77, 6.640, 270.974



41, 3.489, 215.877



52, 31.179, 227.907



9, 11.303, 220.363

Inverse Universe

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



76, 10.476, 329.895



93, 15.632, 330.036



79, 6.651, 88.621



39, 6.579, 329.923



37, 72.763, 336.098



4, 23.126, 333.418

Previews

White Background



This preview shows how the CIELCh color 79, 5.563, 215.893 looks on a white background.

Color Contrast Check

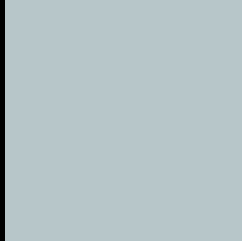
Large Text (above 18pt) WCAG AA × Fail

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, 5.563, 215.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

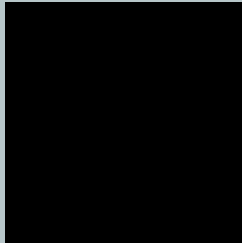
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

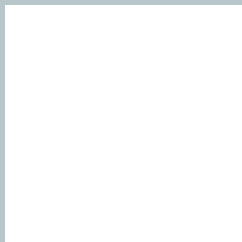
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 5.563, 215.893

Background



This preview shows how black text looks on a background with the CIELCh color 79, 5.563, 215.893.

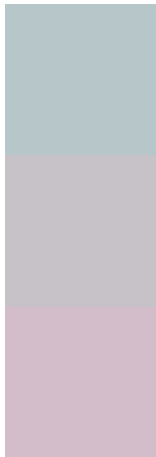


This preview shows how white text looks on a background with the CIELCh color 79, 5.563, 215.893.

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, 5.563, 215.893

Protanopia

79, 3.068, 318.854

Deuteranopia

79, 11.040, 337.706



Tritanopia
79, 8.957, 262.969

Trichromacy



Original Color
79, 5.563, 215.893

Protanomaly
79, 2.387, 263.311

Deuteranomaly
79, 6.310, 321.915

Tritanomaly
79, 7.187, 247.318

Monochromacy



Original Color
79, 5.563, 215.893

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 2.237, 213.313

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 5.563, 215.893 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(183, 198, 201)` looks like.

```
.text, #text, p{  
    color:rgb(183, 198, 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(183, 198, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 198, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 5.563, 215.893 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(183, 198, 201) }
```

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

```
.border{ border-color:rgb(183, 198, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 198, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 198, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 198, 201);  
box-shadow:4px 4px 4px 4px rgb(183, 198,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 5.563, 215.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 198, 201) }
```

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

```
.background{ background-color: rgb(183,  
198, 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](#).

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