

Converting Colors

CIELCh(79, 7.322, 164.483)

Have a look what the booklet for
CIELCh(79, 7.322, 164.483) contains.

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Color

CIELCh(79, 6.970, 166.528)

Conversions

Conversions Part 1

Format	Color
Hex	B7C7C0
RGB	183, 199, 192
RGB Percent	72%, 78%, 75%
CMY	0.2811, 0.2183, 0.2458
CMYK	0.08, 0.00, 0.04, 0.22
HSL	154°, 13%, 75%
HSV	154°, 8%, 78%
XYZ	49.6579, 54.9284, 58.0465
YIQ	193.4180, -7.2890, -5.5690

Conversions

Conversions Part 2

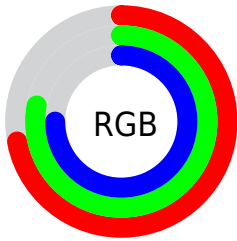
Format	Color
RYB	183, 193, 199
Decimal	12044224
CIELab	79.00, -6.78, 1.62
CIELCh	79, 6.970, 166.528
Yxy	54.9284, 0.3053, 0.3377
Android (android.graphics.Color)	4290234304 (0xFFB7C7C0)
YUV	193.4180, -0.6991, -9.1366
Hunter-Lab	74.1137, -10.0999, 5.4431

Details

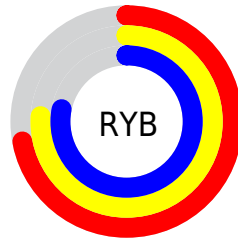
The CIELCh color **79, 6.970, 166.528** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76, 7.072, 347.796**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **99, 6.651, 166.693**, and **59, 6.750, 168.565** is the 20% darker color. If you saturate the color by 10%, you get **77, 15.615, 165.550**, and if you desaturate by 10%, it is **81, 1.716, 347.068**.

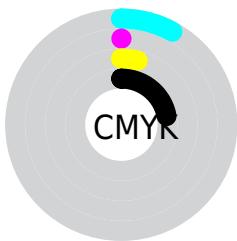
Distribution



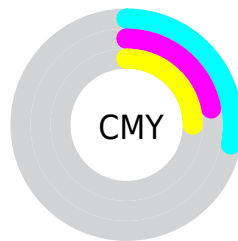
- Red (72%)
- Green (78%)
- Blue (75%)



- Red (72%)
- Yellow (76%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (28%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 6.970, 166.528 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, 6.970, 166.528 by changing the saturation by 10% instead.

■ 79, 6.970, 166.528

■ 79, 6.970, 166.528

■ 100, 6.970,
166.528

■ 69, 6.970, 166.528

■ 99, 6.970, 166.528

■ 59, 6.970, 166.528

■ 49, 6.970, 166.528

■ 39, 6.970, 166.528

■ 29, 6.970, 166.528

■ 19, 6.970, 166.528

■ 9, 6.970, 166.528

■ 0, 6.970, 166.528

■ 79, 6.970, 166.528

■ 79, 6.970, 166.528

77, 15.615,
165.550

81, 1.716, 347.068

76, 24.104,
164.506

83, 10.359,
348.064

75, 32.309,
163.349

85, 18.891,
348.814

74, 40.086,
162.055

86, 24.833,
345.543

73, 47.291,
160.598

86, 27.559,
337.671

72, 53.796,
158.953

86, 30.739,
331.398

72, 59.510,
157.102

87, 34.241,
326.432

71, 64.406,
155.039

87, 34.912,
325.638

71, 68.567,

Harmonies

Complementary

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



79, 6.970, 166.528



76, 7.072, 347.796

Rectangle

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



79, 6.970, 166.528



79, 6.970, 216.528



79, 6.970, 346.528



79, 6.970, 36.528

Sweetspot

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



79, 6.972, 166.522



100, 2.115, 167.226



79, 9.150, 130.470



53, 1.202, 167.248



0, 0.000, 0.000



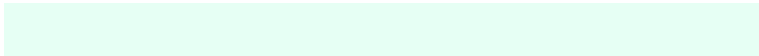
53, 0.007, 296.813

Same Dimension

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



79, 6.972, 166.522



98, 10.601, 166.318



79, 5.464, 203.589



41, 4.914, 166.391



59, 59.364, 152.742



11, 19.034, 158.919

Inverse Universe

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



76, 7.072, 347.796



93, 10.787, 348.003



76, 5.750, 24.054



39, 4.994, 347.928



35, 60.465, 7.507



4, 17.314, 356.718

Previews

White Background



This preview shows how the CIELCh color 79, 6.970, 166.528 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, 6.970, 166.528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

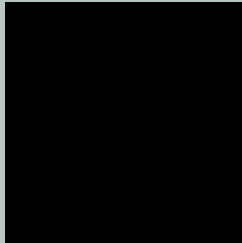
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

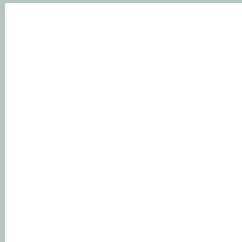
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 6.970, 166.528

Background



This preview shows how black text looks on a background with the CIELCh color 79, 6.970, 166.528.

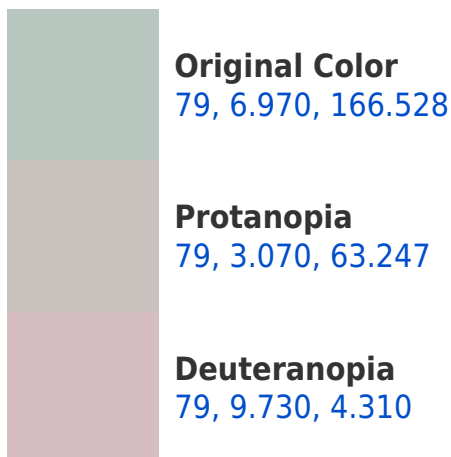


This preview shows how white text looks on a background with the CIELCh color 79, 6.970, 166.528.

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, 9.047, 270.550

Trichromacy



Original Color
79, 6.970, 166.528

Protanomaly
79, 2.766, 125.409

Deuteranomaly
79, 3.714, 19.554

Tritanomaly
79, 5.734, 247.572

Monochromacy



Original Color
79, 6.970, 166.528

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 2.733, 163.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 6.970, 166.528 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, 199, 192)` looks like.

```
.text, #text, p{  
    color:rgb(183, 199, 192)  
}
```

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, 199, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 199, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 6.970, 166.528 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, 199, 192) }
```

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

```
.border{ border-color:rgb(183, 199, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 199, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 199, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 199, 192); box-shadow:4px 4px 4px 4px rgb(183, 199, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 6.970, 166.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 199, 192) }
```

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

```
.background{ background-color: rgb(183,  
199, 192) }
```

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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