

Converting Colors

CIELCh(79, 12.067, 221.511)

Have a look what the booklet for
CIELCh(79, 12.067, 221.511)
contains.

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Color

CIELCh(79, 12.166, 222.067)

Conversions

Conversions Part 1

Format	Color
Hex	A8C9D2
RGB	168, 201, 210
RGB Percent	66%, 79%, 82%
CMY	0.3401, 0.2106, 0.1753
CMYK	0.20, 0.04, 0.00, 0.18
HSL	193°, 32%, 74%
HSV	193°, 20%, 82%
XYZ	48.8289, 54.9284, 69.1884
YIQ	192.1590, -22.5570, -4.1970

Conversions

Conversions Part 2

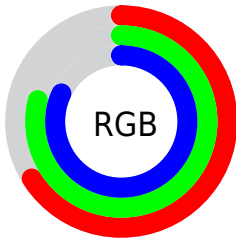
Format	Color
RYB	168, 186, 210
Decimal	11061714
CIELab	79.00, -9.03, -8.15
CIELCh	79, 12.166, 222.067
Yxy	54.9284, 0.2823, 0.3176
Android (android.graphics.Color)	4289251794 (0xFFA8C9D2)
YUV	192.1590, 8.7956, -21.1874
Hunter-Lab	74.1137, -12.0963, -3.4703

Details

The CIELCh color **79, 12.166, 222.067** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **75, 13.855, 40.687**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 10.500, 198.806**, and **59, 12.299, 223.130** is the 20% darker color. If you saturate the color by 10%, you get **77, 17.661, 222.764**, and if you desaturate by 10%, it is **82, 6.246, 221.586**.

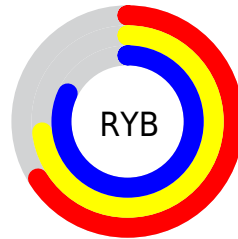
Distribution



Red (66%)

Green (79%)

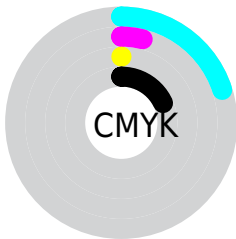
Blue (82%)



Red (66%)

Yellow (73%)

Blue (82%)

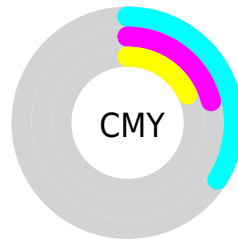


Cyan (20%)

Magenta (4%)

Yellow (0%)

Black (18%)



Cyan (34%)


Magenta (21%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 12.166, 222.067 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, 12.166, 222.067 by changing the saturation by 10% instead.


 79, 12.166,
222.067


 79, 12.166,
222.067


 100, 12.166,
222.067


 69, 12.166,
222.067


 99, 12.166,
222.067

 59, 12.166,
222.067

 49, 12.166,
222.067

 39, 12.166,
222.067

 29, 12.166,
222.067

 19, 12.166,
222.067

 9, 12.166, 222.067

0, 12.166, 222.067

79, 12.166,
222.067

79, 12.166,
222.067

77, 17.661,
222.764

82, 6.246, 221.586

74, 22.636,
223.734

84, 0.016, 3.389

72, 26.999,
225.029

87, 6.532, 40.815

70, 30.671,
226.727

90, 13.247, 40.718

68, 33.601,
228.913

91, 13.641, 50.693

66, 35.787,
231.673

92, 13.668, 62.443

93, 14.260, 73.643

95, 15.348, 83.563

■ 65, 37.299,
235.078

■ 96, 16.832, 91.912

■ 63, 38.355,
239.049

■ 63, 38.357,
239.059

Harmonies

Complementary

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



79, 12.166, 222.067



75, 13.855, 40.687

Rectangle

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



79, 12.166, 222.067



79, 12.166, 272.067



79, 12.166, 42.067



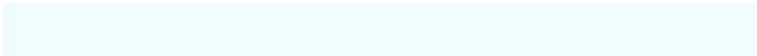
79, 12.166, 92.067

Sweetspot

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



79, 12.166, 222.059



98, 4.435, 221.485



81, 23.711, 149.135



52, 2.937, 221.496



0, 0.000, 0.000



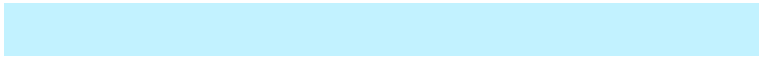
53, 0.007, 296.813

Same Dimension

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



79, 12.166, 222.059



93, 16.863, 222.332



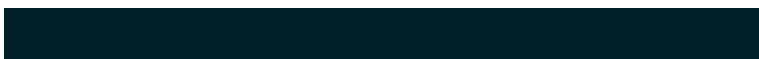
74, 16.397, 276.493



43, 3.541, 221.566



51, 32.424, 238.341



11, 12.202, 229.341

Inverse Universe

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



74, 23.569, 332.299



85, 33.135, 332.590



80, 16.343, 91.209



41, 6.628, 331.592



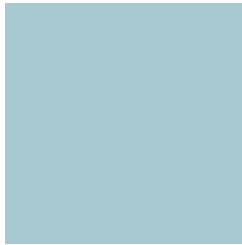
38, 71.816, 338.944



5, 26.364, 336.344

Previews

White Background



This preview shows how the CIELCh color 79, 12.166, 222.067 looks on a white background.

Color Contrast Check

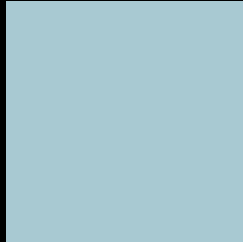
Large Text (above 18pt) WCAG AA × Fail

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, 12.166, 222.067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

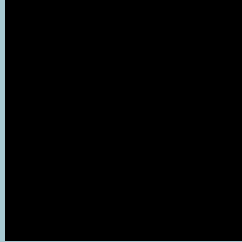
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

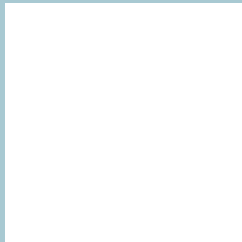
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 12.166, 222.067

Background



This preview shows how black text looks on a background with the CIELCh color 79, 12.166, 222.067.

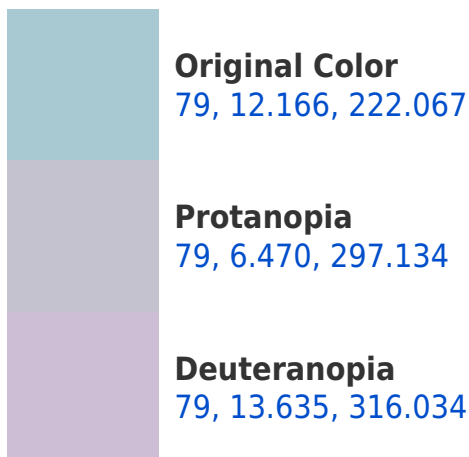


This preview shows how white text looks on a background with the CIELCh color 79, 12.166, 222.067.

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, 13.328, 238.915

Trichromacy



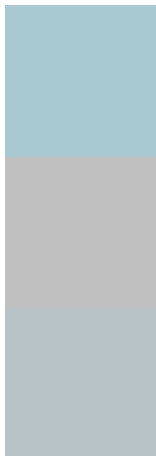
Original Color
79, 12.166, 222.067

Protanomaly
79, 6.974, 256.859

Deuteranomaly
79, 9.640, 286.859

Tritanomaly
79, 12.742, 234.918

Monochromacy



Original Color
79, 12.166, 222.067

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 4.771, 225.936

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 12.166, 222.067 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(168, 201, 210)` looks like.

```
.text, #text, p{  
    color:rgb(168, 201, 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(168, 201, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 201, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 12.166, 222.067 is called "border". The border property can be set on classes, ids or directly on the HTML element.

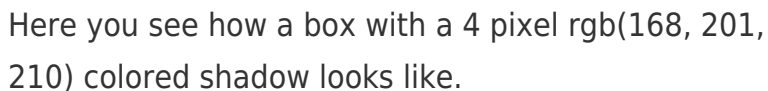
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 201, 210) }
```

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

```
.border{ border-color:rgb(168, 201, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 201, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 201, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 201, 210); box-shadow:4px 4px 4px 4px rgb(168, 201, 210) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 12.166, 222.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 201, 210) }
```

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

```
.background{ background-color: rgb(168,  
201, 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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