

Converting Colors

CIELCh(78, 10.922, 214.908)

Have a look what the booklet for
CIELCh(78, 10.922, 214.908)
contains.

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Color

CIELCh(78, 10.828, 216.049)

Conversions

Conversions Part 1

Format	Color
Hex	A8C6CC
RGB	168, 198, 204
RGB Percent	66%, 78%, 80%
CMY	0.3403, 0.2226, 0.1991
CMYK	0.18, 0.03, 0.00, 0.20
HSL	190°, 26%, 73%
HSV	190°, 18%, 80%
XYZ	47.3683, 53.2120, 65.0449
YIQ	189.7140, -19.8060, -4.4940

Conversions

Conversions Part 2

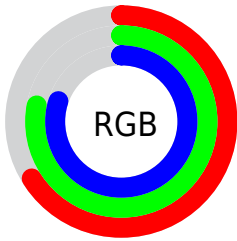
Format	Color
R_{YB}	168, 184, 204
Decimal	11060940
CIE _{Lab}	78.00, -8.75, -6.37
CIE _{LCh}	78, 10.828, 216.049
Yxy	53.2120, 0.2860, 0.3213
Android (android.graphics.Color)	4289251020 (0xFFA8C6CC)
YUV	189.7140, 7.0430, -19.0432
Hunter-Lab	72.9466, -11.7464, -1.8051

Details

The CIELCh color **78, 10.828, 216.049** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 12.171, 35.654**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 10.500, 198.806**, and **58, 10.930, 216.801** is the 20% darker color. If you saturate the color by 10%, you get **76, 16.412, 216.401**, and if you desaturate by 10%, it is **80, 4.818, 215.879**.

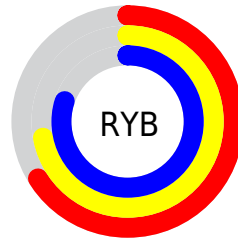
Distribution



Red (66%)

Green (78%)

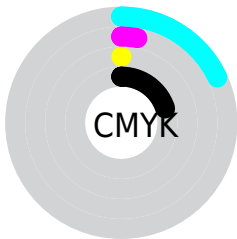
Blue (80%)



Red (66%)

Yellow (72%)

Blue (80%)

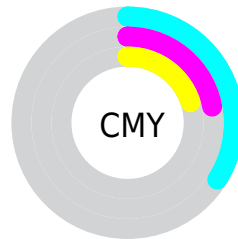


Cyan (18%)

Magenta (3%)

Yellow (0%)

Black (20%)



Cyan (34%)


Magenta (22%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 10.828, 216.049 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 78, 10.828, 216.049 by changing the saturation by 10% instead.


 78, 10.828,
216.049


 78, 10.828,
216.049


 100, 10.828,
216.049


 68, 10.828,
216.049


 98, 10.828,
216.049

 58, 10.828,
216.049

 48, 10.828,
216.049

 38, 10.828,
216.049

 28, 10.828,
216.049

 18, 10.828,
216.049

 8, 10.828, 216.049

0, 10.828, 216.049

78, 10.828,
216.049

78, 10.828,
216.049

76, 16.412,
216.401

80, 4.818, 215.879

83, 1.528, 35.293

74, 21.471,
216.967

85, 8.130, 35.577

72, 25.904,
217.782

88, 14.921, 35.666

70, 29.621,
218.902

89, 16.135, 40.975

90, 15.702, 48.433

69, 32.552,
220.394

91, 15.552, 56.163

67, 34.671,
222.331

92, 15.693, 63.885

■ 66, 36.011,
224.781

■ 92, 16.115, 71.319

■ 65, 36.702,
227.769

■ 64, 36.836,
228.509

Harmonies

Complementary

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



78, 10.828, 216.049



74, 12.171, 35.654

Rectangle

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



78, 10.828, 216.049



78, 10.828, 266.049



78, 10.828, 36.049



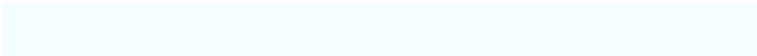
78, 10.828, 86.049

Sweetspot

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



78, 10.828, 216.040



99, 3.805, 215.900



79, 21.177, 147.676



52, 2.591, 215.888



0, 0.000, 0.000



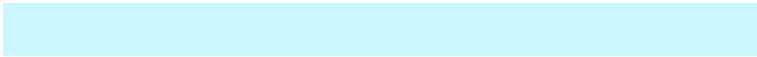
53, 0.007, 296.813

Same Dimension

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



78, 10.828, 216.040



94, 15.269, 216.150



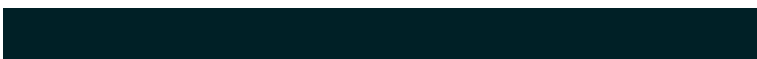
73, 13.315, 272.257



42, 3.562, 215.888



53, 31.538, 227.971



10, 11.818, 220.629

Inverse Universe

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



73, 20.986, 330.450



87, 29.962, 330.681



78, 13.409, 87.524



40, 6.718, 329.928



38, 73.583, 336.114



5, 25.349, 333.817

Previews

White Background



This preview shows how the CIELCh color 78, 10.828, 216.049 looks on a white background.

Color Contrast Check

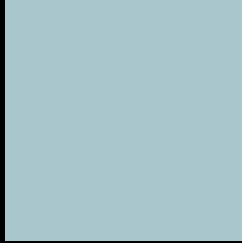
Large Text (above 18pt) WCAG AA × Fail

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 78, 10.828, 216.049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

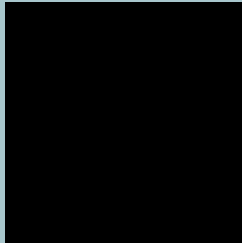
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

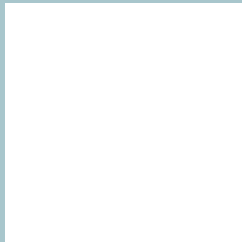
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 10.828, 216.049

Background



This preview shows how black text looks on a background with the CIELCh color 78, 10.828, 216.049.



This preview shows how white text looks on a background with the CIELCh color 78, 10.828, 216.049.

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](#).

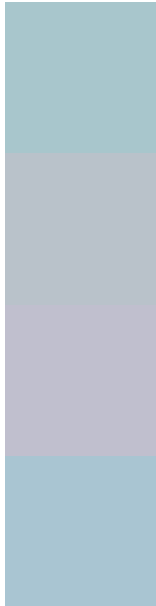
Dichromacy





Tritanopia
78, 12.392, 242.858

Trichromacy



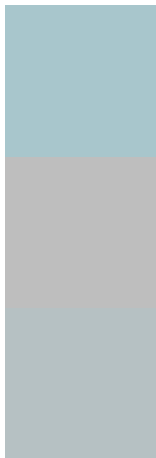
Original Color
78, 10.828, 216.049

Protanomaly
78, 5.307, 253.289

Deuteranomaly
78, 8.060, 293.458

Tritanomaly
78, 11.700, 235.536

Monochromacy



Original Color
78, 10.828, 216.049

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 4.099, 214.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 10.828, 216.049 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, 198, 204)` looks like.

```
.text, #text, p{  
    color:rgb(168, 198, 204)  
}
```

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, 198, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 198, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 10.828, 216.049 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, 198, 204) }
```

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

```
.border{ border-color:rgb(168, 198, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 198, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 198, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 198, 204);  
box-shadow:4px 4px 4px 4px rgb(168, 198,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 10.828, 216.049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 198, 204) }
```

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

```
.background{ background-color: rgb(168,  
198, 204) }
```

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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