

Converting Colors

CIELCh(78, 12.706, 219.099)

Have a look what the booklet for
CIELCh(78, 12.706, 219.099)
contains.

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Color

CIELCh(78, 12.629, 218.535)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A4C7CF |
| RGB | 164, 199, 207 |
| RGB Percent | 64%, 78%, 81% |
| CMY | 0.3571, 0.2198, 0.1884 |
| CMYK | 0.21, 0.04, 0.00, 0.19 |
| HSL | 191°, 31%, 73% |
| HSV | 191°, 21%, 81% |
| XYZ | 46.9665, 53.2120, 66.7932 |
| YIQ | 189.4470, -23.4280, -4.9320 |

Conversions

Conversions Part 2

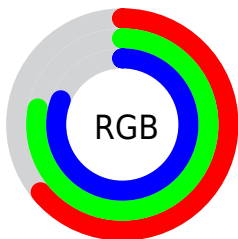
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 164, 183, 207 |
| Decimal | 10799055 |
| CIELab | 78.00, -9.88, -7.87 |
| CIELCh | 78, 12.629, 218.535 |
| Yxy | 53.2120, 0.2813, 0.3187 |
| Android (android.graphics.Color) | 4288989135 (0xFFA4C7CF) |
| YUV | 189.4470, 8.6536, -22.3170 |
| Hunter-Lab | 72.9466, -12.7297, -3.2260 |

Details

The CIELCh color **78, 12.629, 218.535** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73, 14.507, 37.695**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 11.803, 198.717**, and **58, 12.754, 219.411** is the 20% darker color. If you saturate the color by 10%, you get **76, 18.067, 219.072**, and if you desaturate by 10%, it is **80, 6.743, 218.191**.

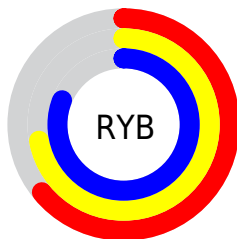
Distribution



Red (64%)

Green (78%)

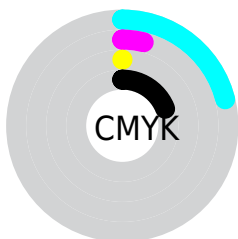
Blue (81%)



Red (64%)

Yellow (72%)

Blue (81%)

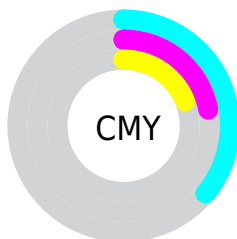


Cyan (21%)

Magenta (4%)

Yellow (0%)

Black (19%)



Cyan (36%)


Magenta (22%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 12.629, 218.535 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, 12.629, 218.535 by changing the saturation by 10% instead.


 78, 12.629,
218.535


 78, 12.629,
218.535


 100, 12.629,
218.535


 68, 12.629,
218.535


 98, 12.629,
218.535

 58, 12.629,
218.535

 48, 12.629,
218.535

 38, 12.629,
218.535

 28, 12.629,
218.535

 18, 12.629,
218.535

 8, 12.629, 218.535

0, 12.629, 218.535

78, 12.629,
218.535

78, 12.629,
218.535

76, 18.067,
219.072

80, 6.743, 218.191

74, 22.958,
219.855

83, 0.500, 218.996

86, 6.019, 37.660

72, 27.205,
220.931

88, 12.744, 37.672

70, 30.726,
222.367

90, 15.075, 42.866

91, 14.704, 51.970

68, 33.467,
224.241

92, 14.723, 61.278

66, 35.422,
226.633

93, 15.130, 70.301

■ 65, 36.653,
229.610

■ 94, 15.891, 78.629

■ 64, 37.344,
232.814

Harmonies

Complementary

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



78, 12.629, 218.535



73, 14.507, 37.695

Rectangle

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



78, 12.629, 218.535



78, 12.629, 268.535



78, 12.629, 38.535



78, 12.629, 88.535

Sweetspot

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



78, 12.629, 218.528



98, 4.500, 218.128



79, 24.644, 148.510



52, 2.980, 218.130



0, 0.000, 0.000



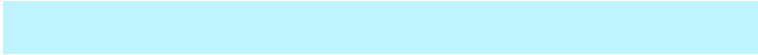
53, 0.007, 296.813

Same Dimension

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



78, 12.629, 218.528



93, 17.734, 218.747



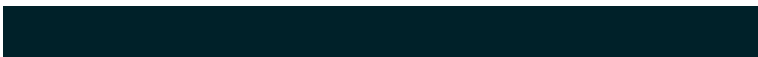
72, 16.521, 275.385



43, 3.593, 218.163



53, 31.994, 232.225



11, 12.212, 224.427

Inverse Universe

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



72, 24.685, 331.329



85, 35.200, 331.626



79, 16.529, 89.820



41, 6.763, 330.592



38, 73.328, 337.240



5, 26.950, 334.997

Previews

White Background



This preview shows how the CIELCh color 78, 12.629, 218.535 looks on a white background.

Color Contrast Check

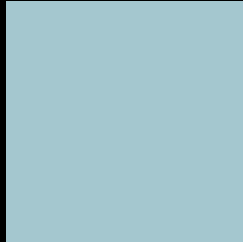
Large Text (above 18pt) WCAG AA × Fail

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 78, 12.629, 218.535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

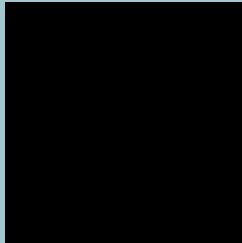
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

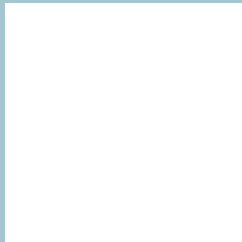
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 12.629, 218.535

Background



This preview shows how black text looks on a background with the CIELCh color 78, 12.629, 218.535.

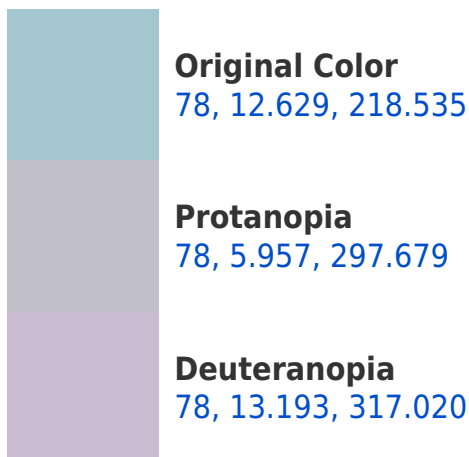


This preview shows how white text looks on a background with the CIELCh color 78, 12.629, 218.535.

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, 13.841, 237.208

Trichromacy



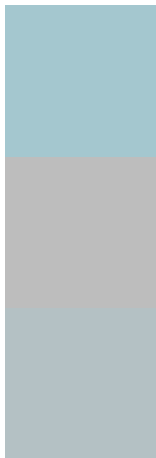
Original Color
78, 12.629, 218.535

Protanomaly
78, 6.767, 251.745

Deuteranomaly
78, 9.134, 286.571

Tritanomaly
78, 13.028, 231.189

Monochromacy



Original Color
78, 12.629, 218.535

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 4.916, 218.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 12.629, 218.535 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(164, 199, 207)` looks like.

```
.text, #text, p{  
    color:rgb(164, 199, 207)  
}
```

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(164, 199, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 199, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 12.629, 218.535 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(164, 199, 207) }
```

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

```
.border{ border-color:rgb(164, 199, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 199, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 199, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 199, 207);  
box-shadow:4px 4px 4px 4px rgb(164, 199,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 12.629, 218.535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 199, 207) }
```

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

```
.background{ background-color: rgb(164,  
199, 207) }
```

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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