

Converting Colors

CIELCh(79, 12.390, 177.874)

Have a look what the booklet for
CIELCh(79, 12.390, 177.874)
contains.

CIELCh(79, 12.271, 178.088)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 12.271, 178.088)

Conversions

Conversions Part 1

Format	Color
Hex	AACAC2
RGB	170, 202, 194
RGB Percent	67%, 79%, 76%
CMY	0.3318, 0.2063, 0.2377
CMYK	0.16, 0.00, 0.04, 0.21
HSL	165°, 23%, 73%
HSV	165°, 16%, 79%
XYZ	47.6559, 54.9284, 59.3603
YIQ	191.5200, -16.5040, -9.2720

Conversions

Conversions Part 2

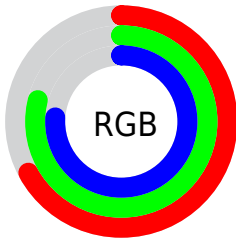
Format	Color
RYB	170, 188, 202
Decimal	11193026
CIELab	79.00, -12.26, 0.41
CIELCh	79, 12.271, 178.088
Yxy	54.9284, 0.2943, 0.3392
Android (android.graphics.Color)	4289383106 (0xFFAACAC2)
YUV	191.5200, 1.2226, -18.8730
Hunter-Lab	74.1137, -14.9214, 4.3921

Details

The CIELCh color **79, 12.271, 178.088** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73, 12.949, 1.048**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 10.301, 184.438**, and **59, 12.570, 177.030** is the 20% darker color. If you saturate the color by 10%, you get **78, 19.721, 177.063**, and if you desaturate by 10%, it is **81, 4.560, 179.094**.

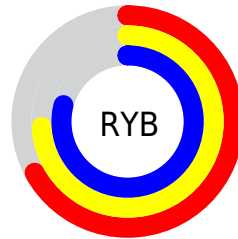
Distribution



Red (67%)

Green (79%)

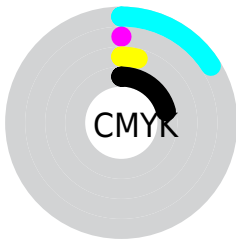
Blue (76%)



Red (67%)

Yellow (74%)

Blue (79%)

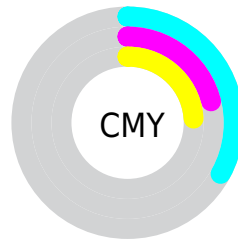


Cyan (16%)

Magenta (0%)

Yellow (4%)

Black (21%)



Cyan (33%)

Magenta (21%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 12.271, 178.088 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, 12.271, 178.088 by changing the saturation by 10% instead.

 79, 12.271,
178.088

 79, 12.271,
178.088

 100, 12.271,
178.088

 69, 12.271,
178.088


 99, 12.271,
178.088

 59, 12.271,
178.088

 49, 12.271,
178.088

 39, 12.271,
178.088

 29, 12.271,
178.088

 19, 12.271,
178.088

 9, 12.271, 178.088

0, 12.271, 178.088

79, 12.271,
178.088

79, 12.271,
178.088

78, 19.721,
177.063

81, 4.560, 179.094

76, 26.782,
175.975

82, 3.309, 359.725

75, 33.324,
174.797

84, 11.243, 0.678

75, 39.219,
173.506

86, 21.284,
356.085

74, 44.357,
172.078

87, 22.392,
349.855

73, 48.666,
170.489

87, 23.752,
344.300

■ 73, 52.130,
168.718

■ 87, 25.324,
339.417

■ 73, 54.811,
166.761

■ 87, 27.068,
335.163

■ 73, 55.813,
165.931

Harmonies

Complementary

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



79, 12.271, 178.088



73, 12.949, 1.048

Rectangle

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



79, 12.271, 178.088



79, 12.271, 228.088



79, 12.271, 358.088



79, 12.271, 48.088

Sweetspot

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



79, 12.272, 178.083



99, 4.730, 179.179



79, 19.234, 136.071



53, 3.226, 179.098



0, 0.000, 0.000



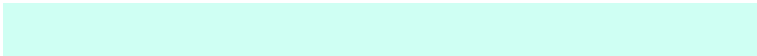
53, 0.007, 296.813

Same Dimension

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



79, 12.272, 178.083



96, 17.698, 177.738



77, 9.383, 224.249



42, 4.462, 178.721



60, 47.895, 166.250



13, 16.698, 171.161

Inverse Universe

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



73, 12.949, 1.048



87, 18.904, 1.450



74, 10.354, 42.852



40, 4.606, 0.338



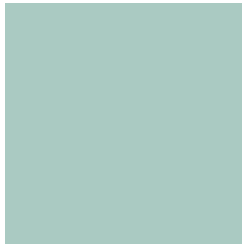
34, 65.011, 24.957



4, 18.366, 7.287

Previews

White Background



This preview shows how the CIELCh color 79, 12.271, 178.088 looks on a white background.

Color Contrast Check

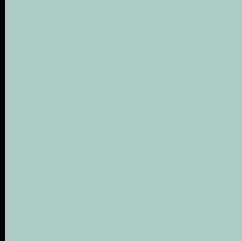
Large Text (above 18pt) WCAG AA × Fail

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, 12.271, 178.088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

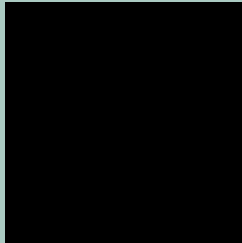
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

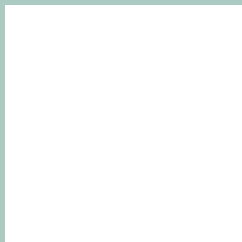
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 12.271, 178.088

Background



This preview shows how black text looks on a background with the CIELCh color 79, 12.271, 178.088.



This preview shows how white text looks on a background with the CIELCh color 79, 12.271, 178.088.

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](#).

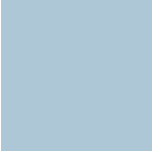
Dichromacy



Original Color
79, 12.271, 178.088

Protanopia
79, 3.070, 63.247

Deuteranopia
79, 9.903, 354.717



Tritanopia
79, 11.911, 245.036

Trichromacy



Original Color
79, 12.271, 178.088

Protanomaly
79, 3.988, 157.282

Deuteranomaly
79, 1.833, 343.595

Tritanomaly
79, 10.194, 223.704

Monochromacy



Original Color
79, 12.271, 178.088

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 4.674, 179.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 12.271, 178.088 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(170, 202, 194)` looks like.

```
.text, #text, p{  
    color:rgb(170, 202, 194)  
}
```

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(170, 202, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 202, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 12.271, 178.088 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(170, 202, 194) }
```

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

```
.border{ border-color:rgb(170, 202, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 202, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 202, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 202, 194);  
box-shadow:4px 4px 4px 4px rgb(170, 202,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 12.271, 178.088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 202, 194) }
```

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

```
.background{ background-color: rgb(170,  
202, 194) }
```

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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