

Converting Colors

CIELCh(78, 9.310, 206.476)

Have a look what the booklet for
CIELCh(78, 9.310, 206.476) contains.

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Color

CIELCh(78, 9.211, 205.478)

Conversions

Conversions Part 1

Format	Color
Hex	ACC6C8
RGB	172, 198, 200
RGB Percent	67%, 78%, 78%
CMY	0.3262, 0.2243, 0.2164
CMYK	0.14, 0.01, 0.00, 0.22
HSL	184°, 20%, 73%
HSV	184°, 14%, 78%
XYZ	47.5260, 53.2120, 62.2930
YIQ	190.4540, -16.1380, -4.8900

Conversions

Conversions Part 2

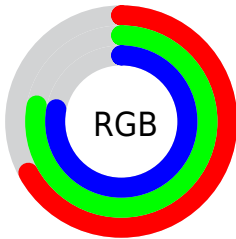
Format	Color
R_{YB}	172, 185, 200
Decimal	11323080
CIE _{Lab}	78.00, -8.32, -3.96
CIE _{LCh}	78, 9.211, 205.478
Yxy	53.2120, 0.2915, 0.3264
Android (android.graphics.Color)	4289513160 (0xFFACC6C8)
YUV	190.4540, 4.7062, -16.1842
Hunter-Lab	72.9466, -11.3605, 0.4317

Details

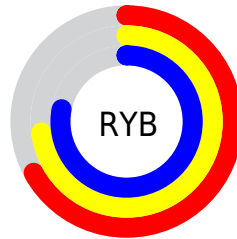
The CIELCh color $78, 9.211, 205.478$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $73, 10.098, 26.310$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 9.184, 198.897$, and $58, 9.277, 205.655$ is the 20% darker color. If you saturate the color by 10%, you get $76, 15.289, 205.263$, and if you desaturate by 10%, it is $80, 2.707, 205.872$.

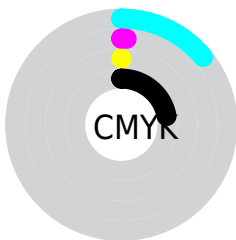
Distribution



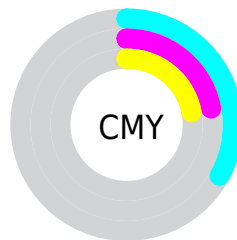
- Red (67%)
- Green (78%)
- Blue (78%)



- Red (67%)
- Yellow (73%)
- Blue (78%)



- Cyan (14%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 9.211, 205.478 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, 9.211, 205.478 by changing the saturation by 10% instead.

■ 78, 9.211, 205.478

■ 78, 9.211, 205.478

■ 100, 9.211,
205.478

■ 68, 9.211, 205.478

■ 98, 9.211, 205.478

■ 58, 9.211, 205.478

■ 48, 9.211, 205.478

■ 38, 9.211, 205.478

■ 28, 9.211, 205.478

■ 18, 9.211, 205.478

■ 8, 9.211, 205.478

■ 0, 9.211, 205.478

■ 78, 9.211, 205.478

■ 78, 9.211, 205.478

76, 15.289,
205.263

80, 2.707, 205.872

75, 20.831,
205.169

82, 4.127, 25.852

74, 25.727,
205.199

84, 11.203, 26.304

72, 29.874,
205.373

86, 18.447, 26.725

71, 33.189,
205.716

87, 19.277, 28.701

70, 35.623,
206.252

87, 18.872, 31.072

70, 37.175,
207.006

87, 18.502, 33.544

69, 37.910,
207.996

88, 18.168, 36.112

69, 38.096,

208.672

Harmonies

Complementary

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



78, 9.211, 205.478



73, 10.098, 26.310

Rectangle

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



78, 9.211, 205.478



78, 9.211, 255.478



78, 9.211, 25.478



78, 9.211, 75.478

Sweetspot

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



78, 9.212, 205.468



99, 3.290, 205.868



78, 17.510, 145.428



53, 2.334, 205.814



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, 9.212, 205.468



96, 13.493, 205.389



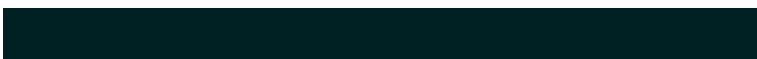
74, 9.494, 264.245



41, 3.762, 205.608



57, 32.817, 208.476



11, 12.076, 205.600

Inverse Universe

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



73, 17.480, 327.197



89, 25.883, 327.385



77, 9.691, 80.472



39, 7.032, 326.926



38, 78.297, 331.260



4, 25.152, 329.473

Previews

White Background



This preview shows how the CIELCh color 78, 9.211, 205.478 looks on a white background.

Color Contrast Check

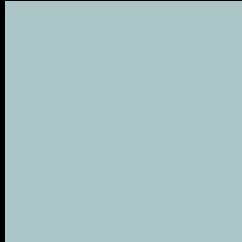
Large Text (above 18pt) WCAG AA × Fail

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, 9.211, 205.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

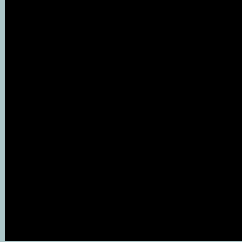
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

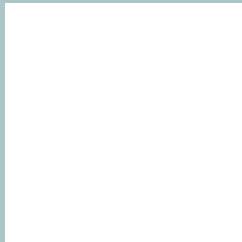
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 9.211, 205.478

Background



This preview shows how black text looks on a background with the CIELCh color 78, 9.211, 205.478.



This preview shows how white text looks on a background with the CIELCh color 78, 9.211, 205.478.

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
78, 9.211, 205.478

Protanopia
78, 3.077, 318.856

Deuteranopia
78, 10.915, 332.936



Tritanopia
78, 11.272, 248.731

Trichromacy



Original Color
78, 9.211, 205.478

Protanomaly
78, 3.028, 244.576

Deuteranomaly
78, 5.490, 302.078

Tritanomaly
78, 10.066, 234.873

Monochromacy



Original Color
78, 9.211, 205.478

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 3.656, 207.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 9.211, 205.478 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(172, 198, 200)` looks like.

```
.text, #text, p{  
    color:rgb(172, 198, 200)  
}
```

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(172, 198, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 198, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 9.211, 205.478 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(172, 198, 200) }
```

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

```
.border{ border-color:rgb(172, 198, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 198, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 198, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 198, 200);  
box-shadow:4px 4px 4px 4px rgb(172, 198,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 9.211, 205.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 198, 200) }
```

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

```
.background{ background-color: rgb(172,  
198, 200) }
```

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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