

Converting Colors

CIELCh(79, 11.756, 163.478)

Have a look what the booklet for
CIELCh(79, 11.756, 163.478)
contains.

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Color

CIELCh(79, 12.098, 163.544)

Conversions

Conversions Part 1

Format	Color
Hex	AFCABD
RGB	175, 202, 189
RGB Percent	69%, 79%, 74%
CMY	0.3143, 0.2085, 0.2594
CMYK	0.13, 0.00, 0.06, 0.21
HSL	151°, 20%, 74%
HSV	151°, 13%, 79%
XYZ	47.8945, 54.9284, 56.1315
YIQ	192.4450, -11.9190, -9.7670

Conversions

Conversions Part 2

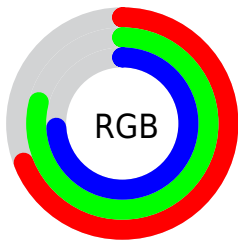
Format	Color
RYB	175, 193, 202
Decimal	11520701
CIELab	79.00, -11.60, 3.43
CIELCh	79, 12.098, 163.544
Yxy	54.9284, 0.3013, 0.3456
Android (android.graphics.Color)	4289710781 (0xFFAFCABD)
YUV	192.4450, -1.6984, -15.2993
Hunter-Lab	74.1137, -14.3468, 6.9751

Details

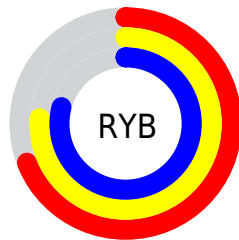
The CIELCh color **79, 12.098, 163.544** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 12.326, 345.781**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 9.835, 167.611**, and **59, 12.150, 164.278** is the 20% darker color. If you saturate the color by 10%, you get **77, 21.075, 162.559**, and if you desaturate by 10%, it is **81, 3.048, 164.516**.

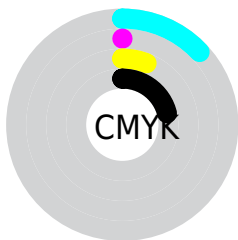
Distribution



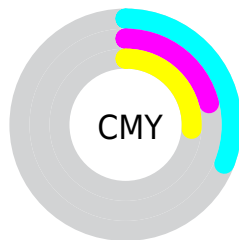
- Red (69%)
- Green (79%)
- Blue (74%)



- Red (69%)
- Yellow (76%)
- Blue (79%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (21%)





- Cyan (31%)
- Magenta (21%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 12.098, 163.544 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, 12.098, 163.544 by changing the saturation by 10% instead.


 79, 12.098,
163.544

 79, 12.098,
163.544


 100, 12.098,
163.544


 69, 12.098,
163.544


 99, 12.098,
163.544

 59, 12.098,
163.544

 49, 12.098,
163.544

 39, 12.098,
163.544

 29, 12.098,
163.544

 19, 12.098,
163.544

 9, 12.098, 163.544

■ 0, 12.098, 163.544

■ 79, 12.098,
163.544

■ 79, 12.098,
163.544

■ 77, 21.075,
162.559

■ 81, 3.048, 164.516

■ 76, 29.849,
161.473

■ 82, 5.977, 345.106

■ 75, 38.279,
160.255

■ 84, 14.899,
345.877

■ 74, 46.213,
158.880

■ 87, 23.486,
346.244

■ 73, 53.502,
157.323

■ 87, 26.526,
337.064

■ 73, 60.028,
155.564

■ 87, 30.138,
330.024

■ 87, 33.338,

■ 72, 65.719,
153.592

325.584

■ 72, 70.580,
151.418

■ 72, 73.466,
149.941

Harmonies

Complementary

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



79, 12.098, 163.544



74, 12.326, 345.781

Rectangle

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



79, 12.098, 163.544



79, 12.098, 213.544



79, 12.098, 343.544



79, 12.098, 33.544

Sweetspot

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



79, 12.100, 163.541



99, 4.368, 164.437



80, 15.294, 129.067



53, 3.105, 164.355



0, 0.000, 0.000



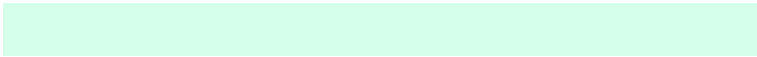
53, 0.007, 296.813

Same Dimension

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



79, 12.100, 163.541



97, 17.488, 163.270



79, 9.367, 200.236



42, 5.176, 163.913



60, 63.010, 150.295



12, 20.973, 156.189

Inverse Universe

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



74, 12.326, 345.781



90, 17.881, 346.054



74, 10.208, 21.580



40, 5.247, 345.407



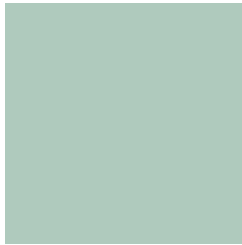
35, 61.268, 3.366



4, 19.741, 354.677

Previews

White Background



This preview shows how the CIELCh color 79, 12.098, 163.544 looks on a white background.

Color Contrast Check

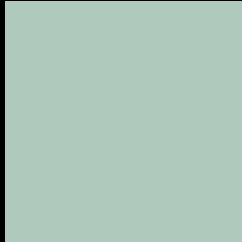
Large Text (above 18pt) WCAG AA × Fail

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 79, 12.098, 163.544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

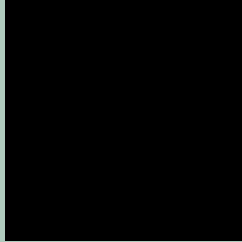
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

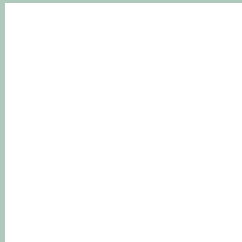
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 12.098, 163.544

Background



This preview shows how black text looks on a background with the CIELCh color 79, 12.098, 163.544.

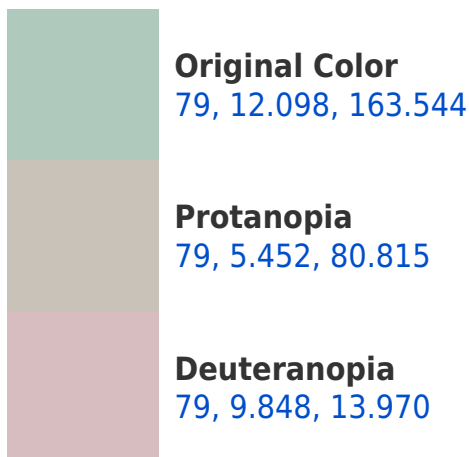


This preview shows how white text looks on a background with the CIELCh color 79, 12.098, 163.544.

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](#).

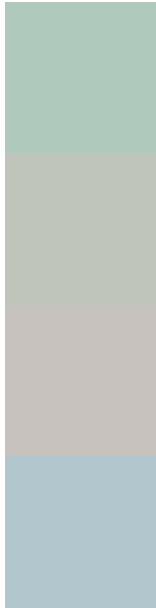
Dichromacy





Tritanopia
79, 10.633, 252.841

Trichromacy



Original Color
79, 12.098, 163.544

Protanomaly
79, 6.287, 130.427

Deuteranomaly
79, 3.070, 63.247

Tritanomaly
79, 8.296, 221.737

Monochromacy



Original Color
79, 12.098, 163.544

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 4.561, 163.323

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 12.098, 163.544 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(175, 202, 189)` looks like.

```
.text, #text, p{  
    color:rgb(175, 202, 189)  
}
```

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(175, 202, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 202, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 12.098, 163.544 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(175, 202, 189) }
```

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

```
.border{ border-color:rgb(175, 202, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 202, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 202, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 202, 189); box-shadow:4px 4px 4px 4px rgb(175, 202, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 12.098, 163.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 202, 189) }
```

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

```
.background{ background-color: rgb(175,  
202, 189) }
```

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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