

Converting Colors

CIELCh(79, 27.427, 158.332)

Have a look what the booklet for
CIELCh(79, 27.427, 158.332)
contains.

CIELCh(79, 27.130, 158.501)	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, 27.130, 158.501)

Conversions

Conversions Part 1

Format	Color
Hex	96D0B0
RGB	150, 208, 176
RGB Percent	59%, 82%, 69%
CMY	0.4105, 0.1830, 0.3086
CMYK	0.28, 0.00, 0.15, 0.18
HSL	147°, 38%, 70%
HSV	147°, 28%, 82%
XYZ	43.1357, 54.9284, 49.5639
YIQ	187.0100, -24.2960, -22.2480

Conversions

Conversions Part 2

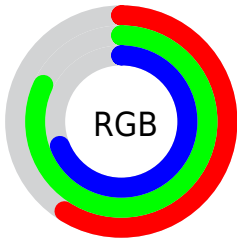
Format	Color
RYB	150, 190, 208
Decimal	9883824
CIELab	79.00, -25.24, 9.94
CIELCh	79, 27.130, 158.501
Yxy	54.9284, 0.2922, 0.3721
Android (android.graphics.Color)	4288073904 (0xFF96D0B0)
YUV	187.0100, -5.4279, -32.4578
Hunter-Lab	74.1137, -25.8081, 12.2291

Details

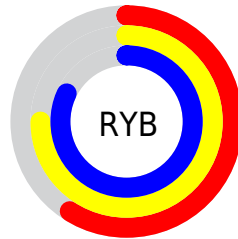
The CIELCh color **79, 27.130, 158.501** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **69, 27.852, 343.361**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.065, 164.094**, and **59, 27.210, 158.408** is the 20% darker color. If you saturate the color by 10%, you get **78, 36.576, 157.386**, and if you desaturate by 10%, it is **80, 17.446, 159.489**.

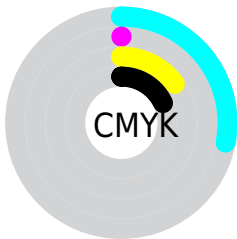
Distribution



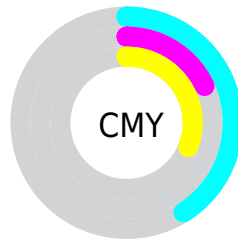
- Red (59%)
- Green (82%)
- Blue (69%)



- Red (59%)
- Yellow (75%)
- Blue (82%)



- Cyan (28%)
- Magenta (0%)
- Yellow (15%)
- Black (18%)





- Cyan (41%)
- Magenta (18%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 27.130, 158.501 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, 27.130, 158.501 by changing the saturation by 10% instead.


 79, 27.130,
158.501

 79, 27.130,
158.501


 100, 27.130,
158.501


 69, 27.130,
158.501


 99, 27.130,
158.501

 59, 27.130,
158.501

 49, 27.130,
158.501

 39, 27.130,
158.501

 29, 27.130,
158.501

 19, 27.130,
158.501

 9, 27.130, 158.501

0, 27.130, 158.501

79, 27.130,
158.501

79, 27.130,
158.501

78, 36.576,
157.386

80, 17.446,
159.489

77, 45.617,
156.121

82, 7.662, 160.391

76, 54.085,
154.681

84, 2.101, 340.932

86, 11.753,
341.795

75, 61.823,
153.045

88, 21.225,
342.455

74, 68.709,
151.199

89, 25.349,
331.977

74, 74.684,
149.149

89, 29.262,

■ 74, 79.795,
146.949

325.443

■ 74, 80.835,
146.492

Harmonies

Complementary

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



79, 27.130, 158.501



69, 27.852, 343.361

Rectangle

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



79, 27.130, 158.501



79, 27.130, 208.501



79, 27.130, 338.501



79, 27.130, 28.501

Sweetspot

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



79, 27.131, 158.500



98, 9.203, 160.370



81, 31.984, 125.349



52, 6.544, 160.235



0, 0.000, 0.000



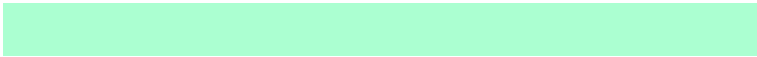
53, 0.007, 296.813

Same Dimension

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



79, 27.131, 158.500



94, 37.737, 157.900



80, 19.763, 191.954



43, 5.559, 160.253



60, 68.429, 146.858



13, 23.404, 152.417

Inverse Universe

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



69, 27.852, 343.361



79, 38.910, 343.933



68, 23.295, 16.518



41, 5.615, 341.665



36, 62.917, 356.891



5, 22.391, 350.539

Previews

White Background



This preview shows how the CIELCh color 79, 27.130, 158.501 looks on a white background.

Color Contrast Check

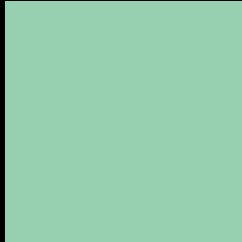
Large Text (above 18pt) WCAG AA × Fail

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, 27.130, 158.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

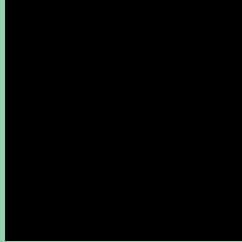
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 27.130, 158.501

Background



This preview shows how black text looks on a background with the CIELCh color 79, 27.130, 158.501.

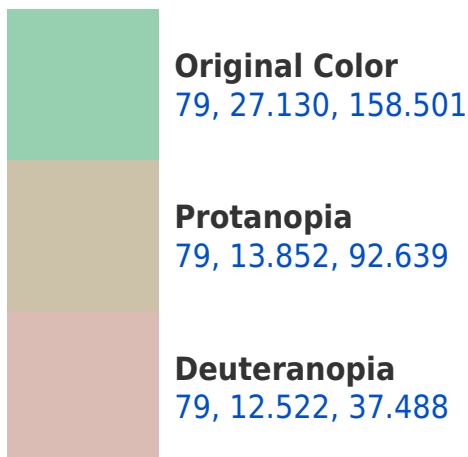


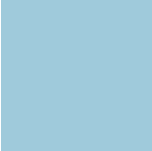
This preview shows how white text looks on a background with the CIELCh color 79, 27.130, 158.501.

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](#).

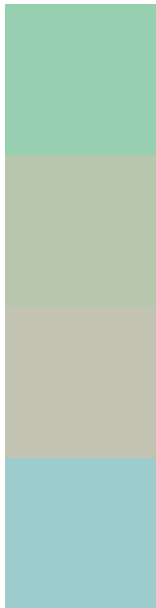
Dichromacy





Tritanopia
79, 16.605, 231.913

Trichromacy



Original Color
79, 27.130, 158.501

Protanomaly
78, 15.483, 130.408

Deuteranomaly
78, 8.531, 111.930

Tritanomaly
79, 16.445, 196.343

Monochromacy



Original Color
79, 27.130, 158.501

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 10.118, 159.182

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 27.130, 158.501 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(150, 208, 176)` looks like.

```
.text, #text, p{  
    color:rgb(150, 208, 176)  
}
```

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(150, 208, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 208, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 27.130, 158.501 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(150, 208, 176) }
```

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

```
.border{ border-color:rgb(150, 208, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 208, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 208, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 208, 176);  
box-shadow:4px 4px 4px 4px rgb(150, 208,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 27.130, 158.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 208, 176) }
```

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

```
.background{ background-color: rgb(150,  
208, 176) }
```

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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