

Converting Colors

CIELCh(79, 19.525, 150.570)

Have a look what the booklet for
CIELCh(79, 19.525, 150.570)
contains.

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Color

CIELCh(79, 19.442, 150.361)

Conversions

Conversions Part 1

Format	Color
Hex	A9CCB1
RGB	169, 204, 177
RGB Percent	66%, 80%, 69%
CMY	0.3364, 0.1991, 0.3051
CMYK	0.17, 0.00, 0.13, 0.20
HSL	134°, 26%, 73%
HSV	134°, 17%, 80%
XYZ	46.0074, 54.9284, 49.8816
YIQ	190.4570, -12.1930, -15.8170

Conversions

Conversions Part 2

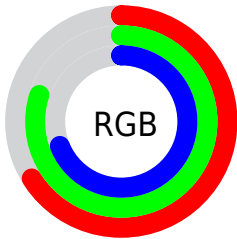
Format	Color
RYB	169, 197, 204
Decimal	11127985
CIELab	79.00, -16.90, 9.61
CIELCh	79, 19.442, 150.361
Yxy	54.9284, 0.3051, 0.3642
Android (android.graphics.Color)	4289318065 (0xFFA9CCB1)
YUV	190.4570, -6.6343, -18.8178
Hunter-Lab	74.1137, -18.8918, 11.9749

Details

The CIELCh color **79, 19.442, 150.361** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **73, 19.533, 332.636**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 15.506, 152.171**, and **59, 19.911, 150.186** is the 20% darker color. If you saturate the color by 10%, you get **77, 30.806, 149.502**, and if you desaturate by 10%, it is **81, 8.061, 151.120**.

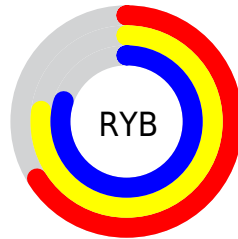
Distribution



Red (66%)

Green (80%)

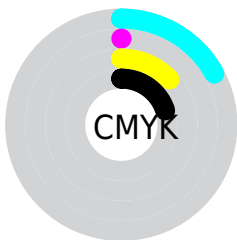
Blue (69%)



Red (66%)

Yellow (77%)

Blue (80%)

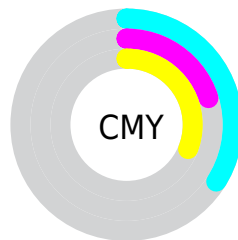


Cyan (17%)

Magenta (0%)

Yellow (13%)

Black (20%)



Cyan (34%)


Magenta (20%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 19.442, 150.361 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, 19.442, 150.361 by changing the saturation by 10% instead.


 79, 19.442,
150.361


 79, 19.442,
150.361


 100, 19.442,
150.361


 69, 19.442,
150.361


 99, 19.442,
150.361

 59, 19.442,
150.361

 49, 19.442,
150.361

 39, 19.442,
150.361

 29, 19.442,
150.361

 19, 19.442,
150.361

 9, 19.442, 150.361

0, 19.442, 150.361

79, 19.442,
150.361

79, 19.442,
150.361

77, 30.806,
149.502

81, 8.061, 151.120

76, 41.979,
148.512

83, 3.211, 331.619

75, 52.759,
147.370

85, 14.277,
332.253

74, 62.917,
146.062

87, 25.070,
332.751

73, 72.210,
144.586

88, 31.845,
325.533

73, 80.408,
142.960

■ 72, 87.312,
141.236

■ 72, 92.787,
139.517

■ 72, 94.130,
139.083

Harmonies

Complementary

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



79, 19.442, 150.361



73, 19.533, 332.636

Rectangle

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



79, 19.442, 150.361



79, 19.442, 200.361



79, 19.442, 330.361



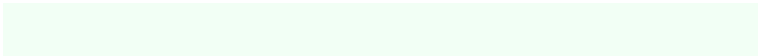
79, 19.442, 20.361

Sweetspot

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



79, 19.444, 150.360



99, 6.745, 151.277



81, 18.706, 117.504



53, 4.605, 151.222



0, 0.000, 0.000



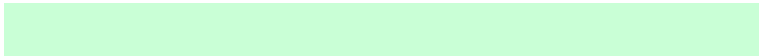
53, 0.007, 296.813

Same Dimension

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



79, 19.444, 150.360



96, 28.546, 150.020



79, 13.642, 175.548



42, 6.406, 150.954



59, 80.088, 139.355



12, 25.583, 147.059

Inverse Universe

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



73, 19.533, 332.636



87, 28.693, 332.919



73, 14.373, 358.814



40, 6.429, 332.112



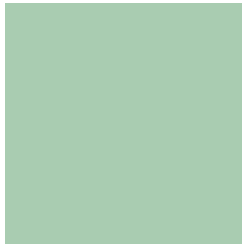
37, 70.295, 339.827



5, 24.085, 336.803

Previews

White Background



This preview shows how the CIELCh color 79, 19.442, 150.361 looks on a white background.

Color Contrast Check

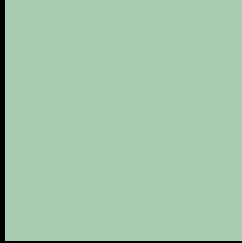
Large Text (above 18pt) WCAG AA × Fail

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, 19.442, 150.361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

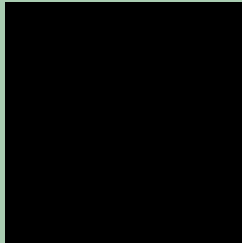
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 19.442, 150.361

Background



This preview shows how black text looks on a background with the CIELCh color 79, 19.442, 150.361.

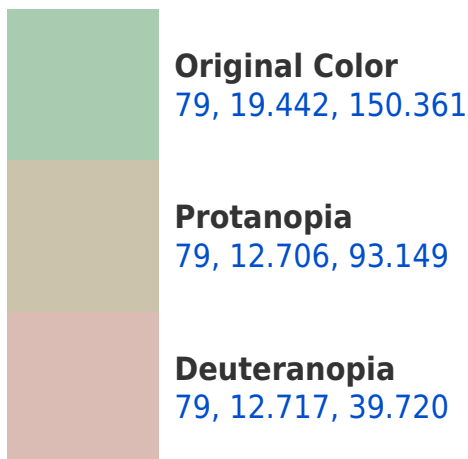


This preview shows how white text looks on a background with the CIELCh color 79, 19.442, 150.361.

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](#).

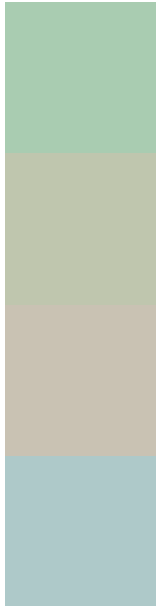
Dichromacy





Tritanopia
79, 11.464, 247.426

Trichromacy



Original Color
79, 19.442, 150.361

Protanomaly
79, 13.044, 120.793

Deuteranomaly
79, 8.407, 90.945

Tritanomaly
79, 9.535, 198.744

Monochromacy



Original Color
79, 19.442, 150.361

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 7.225, 151.240

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 19.442, 150.361 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(169, 204, 177)` looks like.

```
.text, #text, p{  
    color:rgb(169, 204, 177)  
}
```

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(169, 204, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 204, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 19.442, 150.361 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(169, 204, 177) }
```

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

```
.border{ border-color:rgb(169, 204, 177) }
```

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

Here you see how a box with a 4 pixel rgb(169, 204, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 204, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 204, 177);  
box-shadow:4px 4px 4px 4px rgb(169, 204,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 19.442, 150.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 204, 177) }
```

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

```
.background{ background-color: rgb(169,  
204, 177) }
```

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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