

Converting Colors

CIELCh(79, 44.200, 170.389)

Have a look what the booklet for
CIELCh(79, 44.200, 170.389)
contains.

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Color

CIELCh(79, 44.618, 169.961)

Conversions

Conversions Part 1

Format	Color
Hex	5AD9B4
RGB	90, 217, 180
RGB Percent	35%, 85%, 71%
CMY	0.6482, 0.1501, 0.2951
CMYK	0.59, 0.00, 0.17, 0.15
HSL	163°, 62%, 60%
HSV	163°, 59%, 85%
XYZ	37.1417, 54.9284, 51.6859
YIQ	174.8090, -63.8150, -38.4310

Conversions

Conversions Part 2

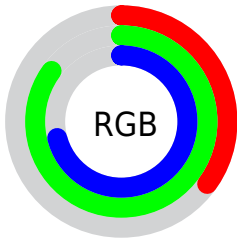
Format	Color
RYB	90, 164, 217
Decimal	5953972
CIELab	79.00, -43.93, 7.78
CIELCh	79, 44.618, 169.961
Yxy	54.9284, 0.2584, 0.3821
Android (android.graphics.Color)	4284144052 (0xFF5AD9B4)
YUV	174.8090, 2.5592, -74.3775
Hunter-Lab	74.1137, -40.2447, 10.5315

Details

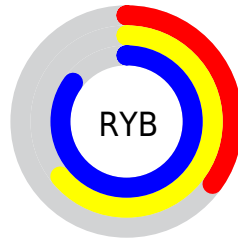
The CIELCh color **79, 44.618, 169.961** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **56, 53.381, 5.348**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 34.835, 180.800**, and **59, 44.589, 169.943** is the 20% darker color. If you saturate the color by 10%, you get **78, 50.155, 168.402**, and if you desaturate by 10%, it is **80, 38.271, 171.358**.

Distribution



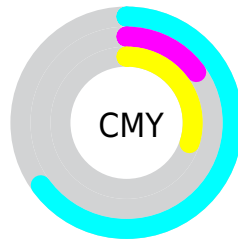
- Red (35%)
- Green (85%)
- Blue (71%)



- Red (35%)
- Yellow (64%)
- Blue (85%)



- Cyan (59%)
- Magenta (0%)
- Yellow (17%)
- Black (15%)





- Cyan (65%)
- Magenta (15%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 44.618, 169.961 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, 44.618, 169.961 by changing the saturation by 10% instead.


 79, 44.618,
169.961

 79, 44.618,
169.961


 100, 44.618,
169.961


 69, 44.618,
169.961


 99, 44.618,
169.961

 59, 44.618,
169.961

 49, 44.618,
169.961

 39, 44.618,
169.961

 29, 44.618,
169.961

 19, 44.618,
169.961

 9, 44.618, 169.961

0, 44.618, 169.961

79, 44.618,
169.961

79, 44.618,
169.961

78, 50.155,
168.402

80, 38.271,
171.358

78, 54.814,
166.660

81, 31.224,
172.620

77, 58.596,
164.719

82, 23.616,
173.772

77, 61.625,
162.606

84, 15.590,
174.836

77, 62.026,
162.316

85, 7.282, 175.851

87, 1.188, 356.266

89, 9.720, 357.504

■ 90, 15.527,
353.844

■ 90, 17.152,
343.965

Harmonies

Complementary

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



79, 44.618, 169.961



56, 53.381, 5.348

Rectangle

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



79, 44.618, 169.961



79, 44.618, 219.961



79, 44.618, 349.961



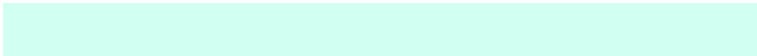
79, 44.618, 39.961

Sweetspot

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



79, 44.619, 169.960



97, 17.215, 174.882



79, 72.531, 132.754



51, 11.918, 174.578



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, 44.619, 169.960



91, 57.860, 168.063



73, 31.023, 224.239



44, 4.752, 175.769



62, 51.637, 162.698



15, 18.930, 167.289

Inverse Universe

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



56, 53.381, 5.348



60, 71.063, 8.909



60, 49.136, 40.406



42, 4.887, 357.409



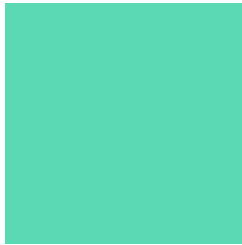
36, 65.104, 21.540



5, 22.250, 6.678

Previews

White Background



This preview shows how the CIELCh color 79, 44.618, 169.961 looks on a white background.

Color Contrast Check

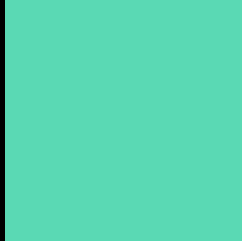
Large Text (above 18pt) WCAG AA × Fail

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, 44.618, 169.961 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

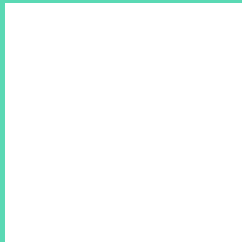
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 44.618, 169.961

Background



This preview shows how black text looks on a background with the CIELCh color 79, 44.618, 169.961.

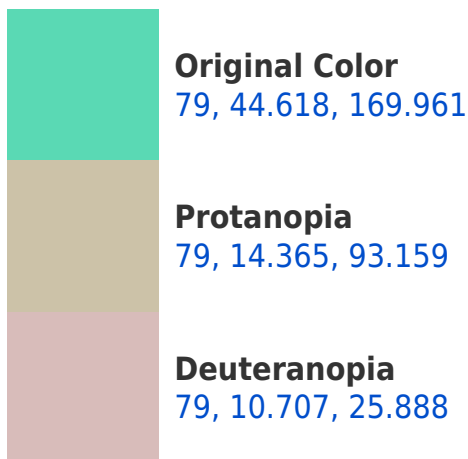


This preview shows how white text looks on a background with the CIELCh color 79, 44.618, 169.961.

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, 31.015, 214.642

Trichromacy



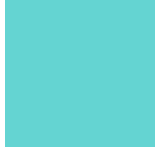
Original Color
79, 44.618, 169.961



Protanomaly
78, 21.923, 150.918



Deuteranomaly
78, 12.764, 162.478

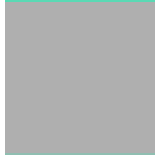


Tritanomaly
79, 33.421, 195.202

Monochromacy



Original Color
79, 44.618, 169.961



Achromatopsia
71, 0.009, 296.813



Achromatomaly
74, 17.990, 174.879

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 44.618, 169.961 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(90, 217, 180)` looks like.

```
.text, #text, p{  
    color:rgb(90, 217, 180)  
}
```

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(90, 217, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 217, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 44.618, 169.961 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(90, 217, 180) }
```

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

```
.border{ border-color:rgb(90, 217, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 217, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 217, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 217, 180);  
box-shadow:4px 4px 4px 4px rgb(90, 217,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 44.618, 169.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 217, 180) }
```

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

```
.background{ background-color: rgb(90, 217,  
180) }
```

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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