

Converting Colors

CIELCh(79, 19.226, 140.466)

Have a look what the booklet for
CIELCh(79, 19.226, 140.466)
contains.

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Color

CIELCh(79, 19.419, 140.108)

Conversions

Conversions Part 1

Format	Color
Hex	B0CBAC
RGB	176, 203, 172
RGB Percent	69%, 80%, 67%
CMY	0.3098, 0.2039, 0.3254
CMYK	0.13, 0.00, 0.15, 0.20
HSL	112°, 23%, 74%
HSV	112°, 15%, 80%
XYZ	46.7138, 54.9284, 47.1761
YIQ	191.3930, -6.1410, -15.3650

Conversions

Conversions Part 2

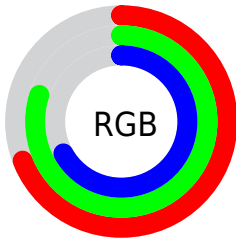
Format	Color
RYB	172, 203, 199
Decimal	11586476
CIELab	79.00, -14.90, 12.45
CIELCh	79, 19.419, 140.108
Yxy	54.9284, 0.3139, 0.3691
Android (android.graphics.Color)	4289776556 (0xFFB0CBAC)
YUV	191.3930, -9.5607, -13.4997
Hunter-Lab	74.1137, -17.1906, 14.1393

Details

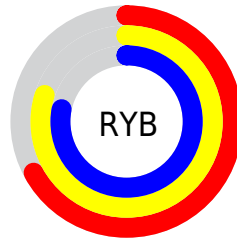
The CIELCh color **79, 19.419, 140.108** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **74, 19.517, 321.596**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 16.511, 138.934**, and **59, 19.418, 140.577** is the 20% darker color. If you saturate the color by 10%, you get **77, 32.204, 139.483**, and if you desaturate by 10%, it is **81, 6.662, 140.671**.

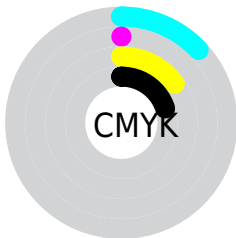
Distribution



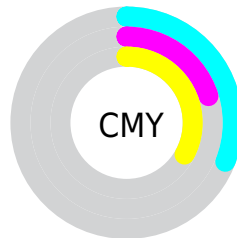
- Red (69%)
- Green (80%)
- Blue (67%)



- Red (67%)
- Yellow (80%)
- Blue (78%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (20%)





- Cyan (31%)
- Magenta (20%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 19.419, 140.108 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, 19.419, 140.108 by changing the saturation by 10% instead.


 79, 19.419,
140.108

 79, 19.419,
140.108


 100, 19.419,
140.108


 69, 19.419,
140.108


 99, 19.419,
140.108

 59, 19.419,
140.108

 49, 19.419,
140.108

 39, 19.419,
140.108

 29, 19.419,
140.108

 19, 19.419,
140.108

 9, 19.419, 140.108

0, 19.419, 140.108

79, 19.419,
140.108

79, 19.419,
140.108

77, 32.204,
139.483

81, 6.662, 140.671

76, 44.836,
138.780

83, 5.946, 321.062

75, 57.082,
138.009

85, 18.317,
321.484

74, 68.626,
137.202

87, 30.393,
321.826

73, 79.063,
136.423

88, 32.601,
325.559

72, 87.888,
135.776

■ 72, 94.562,
135.390

■ 72, 98.700,
135.370

■ 72, 100.016,
135.391

Harmonies

Complementary

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



79, 19.419, 140.108



74, 19.517, 321.596

Rectangle

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



79, 19.419, 140.108



79, 19.419, 190.108



79, 19.419, 320.108



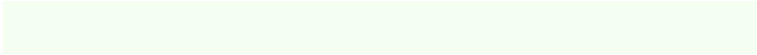
79, 19.419, 10.108

Sweetspot

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



79, 19.421, 140.109



99, 7.602, 140.683



80, 14.318, 102.481



53, 5.190, 140.642



0, 0.000, 0.000



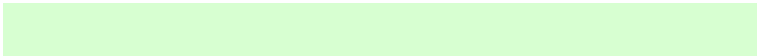
53, 0.007, 296.813

Same Dimension

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



79, 19.421, 140.109



96, 27.572, 139.931



79, 15.543, 155.960



42, 7.220, 140.443



59, 85.910, 135.293



12, 27.614, 140.349

Inverse Universe

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



74, 19.517, 321.596



88, 27.727, 321.739



74, 15.696, 338.225



40, 7.249, 321.311



35, 84.518, 323.308



4, 27.723, 322.420

Previews

White Background



This preview shows how the CIELCh color 79, 19.419, 140.108 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, 19.419, 140.108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

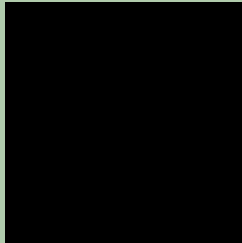
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 19.419, 140.108

Background



This preview shows how black text looks on a background with the CIELCh color 79, 19.419, 140.108.



This preview shows how white text looks on a background with the CIELCh color 79, 19.419, 140.108.

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](#).

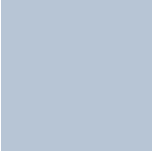
Dichromacy



Original Color
79, 19.419, 140.108

Protanopia
79, 14.865, 93.649

Deuteranopia
79, 14.665, 48.248



Tritanopia
79, 9.734, 260.919

Trichromacy



Original Color
79, 19.419, 140.108

Protanomaly
79, 15.471, 114.482

Deuteranomaly
79, 11.122, 84.636

Tritanomaly
79, 6.839, 194.470

Monochromacy



Original Color
79, 19.419, 140.108

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 6.791, 139.127

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 19.419, 140.108 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(176, 203, 172)` looks like.

```
.text, #text, p{  
    color:rgb(176, 203, 172)  
}
```

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(176, 203, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 203, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 19.419, 140.108 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(176, 203, 172) }
```

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

```
.border{ border-color:rgb(176, 203, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 203, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 203, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 203, 172);  
box-shadow:4px 4px 4px 4px rgb(176, 203,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 19.419, 140.108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 203, 172) }
```

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

```
.background{ background-color: rgb(176,  
203, 172) }
```

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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