

Converting Colors

CIELCh(79, 6.432, 174.435)

Have a look what the booklet for
CIELCh(79, 6.432, 174.435) contains.

CIELCh(79, 6.427, 174.439)	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, 6.427, 174.439)

Conversions

Conversions Part 1

Format	Color
Hex	B7C7C2
RGB	183, 199, 194
RGB Percent	72%, 78%, 76%
CMY	0.2816, 0.2188, 0.2385
CMYK	0.08, 0.00, 0.03, 0.22
HSL	161°, 13%, 75%
HSV	161°, 8%, 78%
XYZ	49.7991, 54.9284, 59.1280
YIQ	193.6460, -7.9310, -4.9470

Conversions

Conversions Part 2

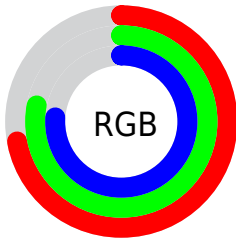
Format	Color
RYB	183, 192, 199
Decimal	12044226
CIELab	79.00, -6.40, 0.62
CIELCh	79, 6.427, 174.439
Yxy	54.9284, 0.3039, 0.3352
Android (android.graphics.Color)	4290234306 (0xFFB7C7C2)
YUV	193.6460, 0.1745, -9.3365
Hunter-Lab	74.1137, -9.7597, 4.5779

Details

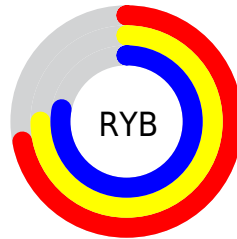
The CIELCh color **79, 6.427, 174.439** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76, 6.575, 355.770**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **99, 6.138, 174.614**, and **59, 6.462, 172.824** is the 20% darker color. If you saturate the color by 10%, you get **78, 14.314, 173.419**, and if you desaturate by 10%, it is **81, 1.585, 354.963**.

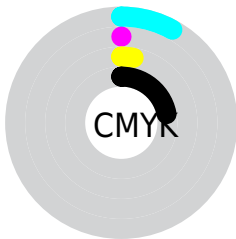
Distribution



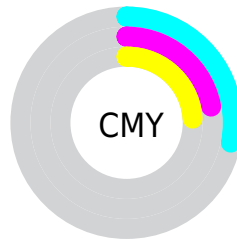
- Red (72%)
- Green (78%)
- Blue (76%)



- Red (72%)
- Yellow (75%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (28%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 6.427, 174.439 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, 6.427, 174.439 by changing the saturation by 10% instead.

■ 79, 6.427, 174.439

■ 79, 6.427, 174.439

■ 100, 6.427,
174.439

■ 69, 6.427, 174.439

■ 99, 6.427, 174.439

■ 59, 6.427, 174.439

■ 49, 6.427, 174.439

■ 39, 6.427, 174.439

■ 29, 6.427, 174.439

■ 19, 6.427, 174.439

■ 9, 6.427, 174.439

■ 0, 6.427, 174.439

■ 79, 6.427, 174.439

■ 79, 6.427, 174.439

78, 14.314,
173.419

81, 1.585, 354.963

76, 21.961,
172.359

82, 9.635, 356.062

75, 29.245,
171.209

84, 17.650,
356.887

74, 36.032,
169.946

86, 22.931,
354.371

73, 42.192,
168.545

86, 24.400,
347.415

73, 47.616,
166.981

86, 26.206,
341.370

72, 52.235,
165.231

86, 28.284,
336.199

72, 56.038,
163.281

86, 30.575,
331.810

71, 59.129,

87, 33.033,
328.094

Harmonies

Complementary

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



79, 6.427, 174.439



76, 6.575, 355.770

Rectangle

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



79, 6.427, 174.439



79, 6.427, 224.439



79, 6.427, 354.439



79, 6.427, 44.439

Sweetspot

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



79, 6.429, 174.430



100, 1.957, 175.197



79, 9.477, 134.884



53, 1.112, 175.221



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, 6.429, 174.430



98, 9.764, 174.216



78, 4.916, 217.829



41, 4.528, 174.293



59, 51.209, 161.090



11, 16.946, 166.817

Inverse Universe

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



76, 6.575, 355.770



93, 10.039, 355.996



77, 5.167, 37.365



39, 4.646, 355.914



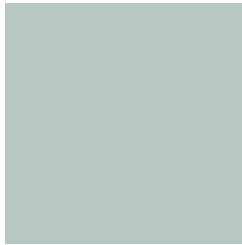
34, 62.256, 19.377



4, 16.572, 3.595

Previews

White Background



This preview shows how the CIELCh color 79, 6.427, 174.439 looks on a white background.

Color Contrast Check

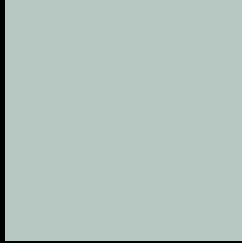
Large Text (above 18pt) WCAG AA × Fail

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, 6.427, 174.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

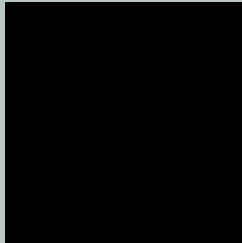
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

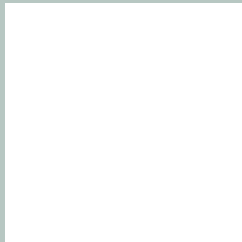
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 6.427, 174.439

Background



This preview shows how black text looks on a background with the CIELCh color 79, 6.427, 174.439.



This preview shows how white text looks on a background with the CIELCh color 79, 6.427, 174.439.

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, 9.166, 268.504

Trichromacy



Original Color
79, 6.427, 174.439

Protanomaly
79, 1.761, 134.703

Deuteranomaly
79, 3.862, 3.563

Tritanomaly
79, 6.350, 248.592

Monochromacy



Original Color
79, 6.427, 174.439

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 2.450, 173.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 6.427, 174.439 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(183, 199, 194)` looks like.

```
.text, #text, p{  
    color:rgb(183, 199, 194)  
}
```

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(183, 199, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 199, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 6.427, 174.439 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(183, 199, 194) }
```

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

```
.border{ border-color:rgb(183, 199, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 199, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 199, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 199, 194);  
box-shadow:4px 4px 4px 4px rgb(183, 199,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 6.427, 174.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 199, 194) }
```

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

```
.background{ background-color: rgb(183,  
199, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor