

Converting Colors

CIELCh(79, 5.011, 331.531)

Have a look what the booklet for
CIELCh(79, 5.011, 331.531) contains.

CIELCh(79, 5.015, 331.533)	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, 5.015, 331.533)

Conversions

Conversions Part 1

Format	Color
Hex	CAC1C8
RGB	202, 193, 200
RGB Percent	79%, 76%, 78%
CMY	0.2075, 0.2427, 0.2153
CMYK	0.00, 0.04, 0.01, 0.21
HSL	313°, 8%, 77%
HSV	313°, 4%, 79%
XYZ	53.9123, 54.9284, 62.4646
YIQ	196.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

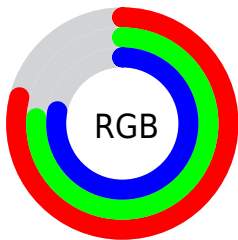
Format	Color
R_{YB}	202, 193, 200
Decimal	13287880
CIE _{Lab}	79.00, 4.41, -2.39
CIE _{LCh}	79, 5.015, 331.533
Yxy	54.9284, 0.3147, 0.3206
Android (android.graphics.Color)	4291477960 (0xFFCAC1C8)
YUV	196.4890, 1.7309, 4.8331
Hunter-Lab	74.1137, 0.1467, 1.9087

Details

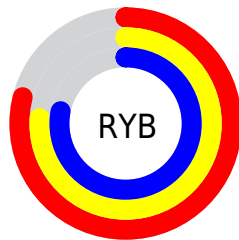
The CIELCh color $79, 5.015, 331.533$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 4.992, 151.101$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.736, 324.489$, and $59, 4.631, 332.623$ is the 20% darker color. If you saturate the color by 10%, you get $74, 16.378, 332.223$, and if you desaturate by 10%, it is $84, 6.164, 151.037$.

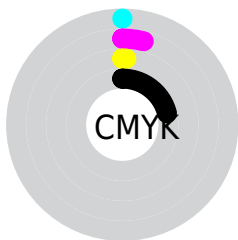
Distribution



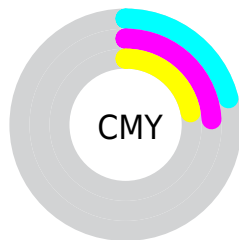
- Red (79%)
- Green (76%)
- Blue (78%)



- Red (79%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 5.015, 331.533 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, 5.015, 331.533 by changing the saturation by 10% instead.

■ 79, 5.015, 331.533

■ 79, 5.015, 331.533

■ 100, 5.015,
331.533

■ 69, 5.015, 331.533

■ 99, 5.015, 331.533

■ 59, 5.015, 331.533

■ 49, 5.015, 331.533

■ 39, 5.015, 331.533

■ 29, 5.015, 331.533

■ 19, 5.015, 331.533

■ 9, 5.015, 331.533

■ 0, 5.015, 331.533

■ 79, 5.015, 331.533

■ 79, 5.015, 331.533

74, 16.378,
332.223

84, 6.164, 151.037

69, 27.796,
332.902

90, 17.074,
150.419

64, 39.056,
333.605

95, 27.675,
149.857

60, 49.853,
334.337

96, 26.694,
152.781

56, 59.778,
335.105

96, 25.026,
156.334

52, 68.333,
335.921

96, 23.453,
160.360

49, 75.002,
336.808

96, 21.998,
164.921

47, 79.368,
337.800

96, 20.687,
170.074

46, 81.279,

96, 19.549,
175.859

338.942

Harmonies

Complementary

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



79, 5.015, 331.533



81, 4.992, 151.101

Rectangle

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



79, 5.015, 331.533



79, 5.015, 21.533



79, 5.015, 151.533



79, 5.015, 201.533

Sweetspot

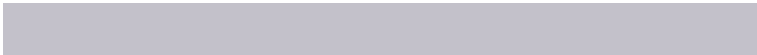
The Sweet Spot groups the original color and five complimentary colors.



79, 5.013, 331.536



99, 1.363, 331.107



78, 4.881, 298.926



53, 0.775, 331.090



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, 5.013, 331.536



97, 6.802, 331.582



79, 3.604, 357.401



41, 3.864, 331.624



37, 70.610, 339.433



5, 24.208, 336.485

Inverse Universe

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



79, 5.013, 331.536



97, 6.802, 331.582



81, 3.550, 176.859



41, 3.864, 331.624



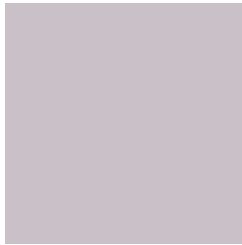
37, 70.610, 339.433



5, 24.208, 336.485

Previews

White Background



This preview shows how the CIELCh color 79, 5.015, 331.533 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, 5.015, 331.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

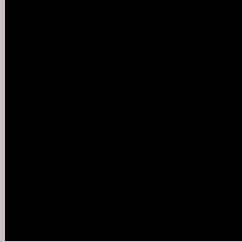
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

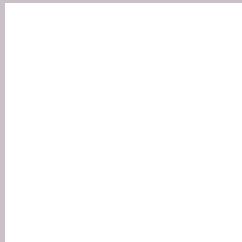
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 5.015, 331.533

Background



This preview shows how black text looks on a background with the CIELCh color 79, 5.015, 331.533.

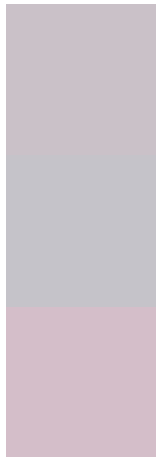


This preview shows how white text looks on a background with the CIELCh color 79, 5.015, 331.533.

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, 5.015, 331.533

Protanopia

79, 3.302, 303.190

Deuteranopia

79, 10.038, 344.480



Tritanopia
79, 8.997, 317.062

Trichromacy



Original Color
79, 5.015, 331.533

Protanomaly
79, 4.187, 316.284

Deuteranomaly
79, 8.251, 339.761

Tritanomaly
79, 7.601, 322.438

Monochromacy



Original Color
79, 5.015, 331.533

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 1.548, 335.546

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 5.015, 331.533 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(202, 193, 200)` looks like.

```
.text, #text, p{  
    color:rgb(202, 193, 200)  
}
```

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(202, 193, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 193, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 5.015, 331.533 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(202, 193, 200) }
```

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

```
.border{ border-color:rgb(202, 193, 200) }
```

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

Here you see how a box with a 4 pixel rgb(202, 193, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 193, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 193, 200);  
box-shadow:4px 4px 4px 4px rgb(202, 193,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 5.015, 331.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 193, 200) }
```

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

```
.background{ background-color: rgb(202,  
193, 200) }
```

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