

Converting Colors

CIE LCh(79, 3.118, 324.470)

Have a look what the booklet for
CIELCh(79, 3.118, 324.470) contains.

CIELCh(79, 3.262, 324.500)	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, 3.262, 324.500)

Conversions

Conversions Part 1

Format	Color
Hex	C7C2C7
RGB	199, 194, 199
RGB Percent	78%, 76%, 78%
CMY	0.2191, 0.2387, 0.2191
CMYK	0.00, 0.03, 0.00, 0.22
HSL	300°, 4%, 77%
HSV	300°, 3%, 78%
XYZ	53.2301, 54.9284, 61.9068
YIQ	196.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

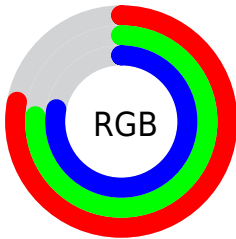
Format	Color
R _Y B	199, 194, 199
Decimal	13091527
CIE Lab	79.00, 2.66, -1.89
CIE LCh	79, 3.262, 324.500
Yxy	54.9284, 0.3130, 0.3230
Android (android.graphics.Color)	4291281607 (0xFFC7C2C7)
YUV	196.0650, 1.4470, 2.5740
Hunter-Lab	74.1137, -1.4962, 2.3550

Details

The CIELCh color **79, 3.262, 324.500** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 3.243, 144.382**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 324.451**, and **59, 3.458, 324.566** is the 20% darker color. If you saturate the color by 10%, you get **74, 16.327, 325.108**, and if you desaturate by 10%, it is **84, 9.597, 144.068**.

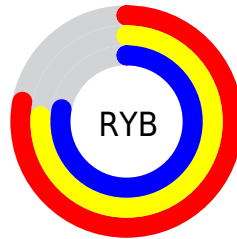
Distribution



Red (78%)

Green (76%)

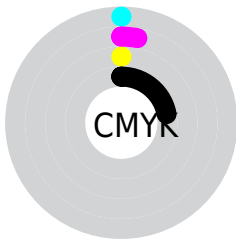
Blue (78%)



Red (78%)

Yellow (76%)

Blue (78%)

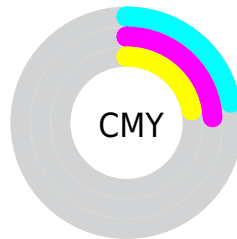


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 3.262, 324.500 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, 3.262, 324.500 by changing the saturation by 10% instead.

■ 79, 3.262, 324.500

■ 79, 3.262, 324.500

■ 100, 3.262,
324.500

■ 69, 3.262, 324.500

■ 99, 3.262, 324.500

■ 59, 3.262, 324.500

■ 49, 3.262, 324.500

■ 39, 3.262, 324.500

■ 29, 3.262, 324.500

■ 19, 3.262, 324.500

■ 9, 3.262, 324.500

■ 0, 3.262, 324.500

■ 79, 3.262, 324.500

■ 79, 3.262, 324.500

74, 16.327,
325.108

84, 9.597, 144.068

69, 29.453,
325.658

89, 22.148,
143.531

65, 42.410,
326.188

95, 34.342,
143.026

60, 54.876,
326.687

95, 35.024,
142.998

56, 66.436,
327.138

95, 35.024,
142.998

53, 76.604,
327.525

95, 35.024,
142.998

51, 84.884,
327.833

95, 35.024,
142.998

49, 90.887,
328.051

95, 35.024,
142.998

48, 94.463,

95, 35.024,
142.998

Harmonies

Complementary

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



79, 3.262, 324.500



80, 3.243, 144.382

Rectangle

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



79, 3.262, 324.500



79, 3.262, 14.500



79, 3.262, 144.500



79, 3.262, 194.500

Sweetspot

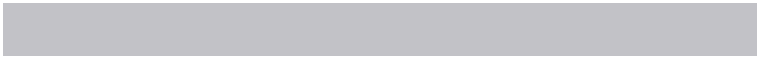
The Sweet Spot groups the original color and five complimentary colors.



79, 3.260, 324.500



99, 1.592, 324.303



79, 2.634, 289.782



53, 0.905, 324.290



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, 3.260, 324.500



98, 4.763, 324.543



79, 2.314, 342.792



41, 2.944, 324.593



39, 82.760, 328.232



4, 26.742, 327.026

Inverse Universe

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



79, 1.846, 19.257



98, 2.702, 19.342



80, 2.295, 162.738



41, 1.674, 19.432



34, 74.644, 39.776



3, 15.885, 19.405

Previews

White Background



This preview shows how the CIELCh color 79, 3.262, 324.500 looks on a white background.

Color Contrast Check

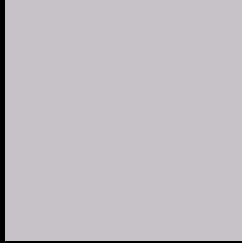
Large Text (above 18pt) WCAG AA × Fail

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, 3.262, 324.500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

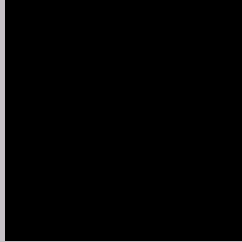
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

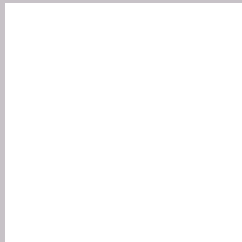
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 3.262, 324.500

Background



This preview shows how black text looks on a background with the CIELCh color 79, 3.262, 324.500.

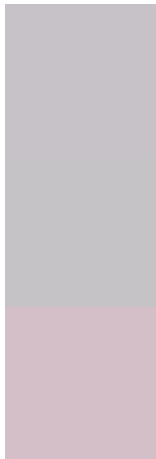


This preview shows how white text looks on a background with the CIELCh color 79, 3.262, 324.500.

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, 3.262, 324.500

Protanopia

79, 2.420, 317.299

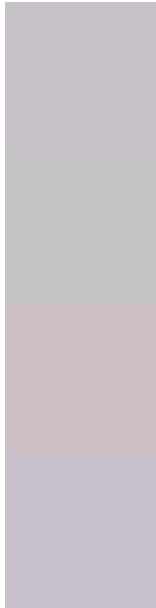
Deuteranopia

79, 9.744, 347.038



Tritanopia
79, 8.442, 308.212

Trichromacy



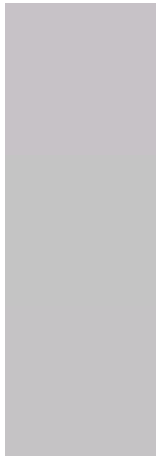
Original Color
79, 3.262, 324.500

Protanomaly
79, 2.420, 317.299

Deuteranomaly
79, 7.007, 342.420

Tritanomaly
79, 6.932, 312.147

Monochromacy



Original Color
79, 3.262, 324.500

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 1.310, 324.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 3.262, 324.500 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(199, 194, 199)` looks like.

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

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

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

Border

The CSS property to change the border of an element to CIELCh 79, 3.262, 324.500 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(199, 194, 199) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to CIELCh 79, 3.262, 324.500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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