

Converting Colors

CIELCh(63, 7.254, 312.212)

Have a look what the booklet for
CIELCh(63, 7.254, 312.212) contains.

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Color

CIELCh(63, 7.254, 312.212)

Conversions

Conversions Part 1

Format	Color
Hex	9D96A2
RGB	157, 150, 162
RGB Percent	62%, 59%, 64%
CMY	0.3843, 0.4118, 0.3647
CMYK	0.03, 0.07, 0.00, 0.36
HSL	275°, 6%, 61%
HSV	275°, 7%, 64%
XYZ	31.3301, 31.5869, 38.6254
YIQ	153.4610, 0.3200, 5.2160

Conversions

Conversions Part 2

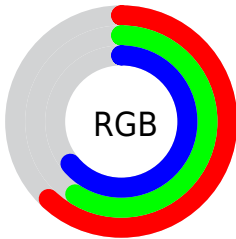
Format	Color
RYB	157, 150, 162
Decimal	10327714
CIELab	63.00, 4.87, -5.37
CIELCh	63, 7.254, 312.212
Yxy	31.5869, 0.3085, 0.3111
Android (android.graphics.Color)	4288517794 (0xFF9D96A2)
YUV	153.4610, 4.2097, 3.1037
Hunter-Lab	56.2022, 1.1514, -1.4059

Details

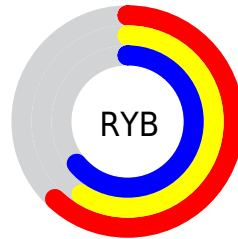
The CIELCh color $63, 7.254, 312.212$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 7.183, 131.636$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 7.488, 313.220$, and $43, 7.241, 314.063$ is the 20% darker color. If you saturate the color by 10%, you get $58, 17.252, 312.654$, and if you desaturate by 10%, it is $68, 2.495, 131.871$.

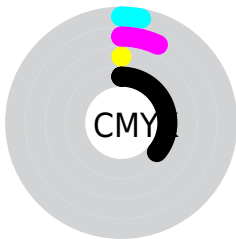
Distribution



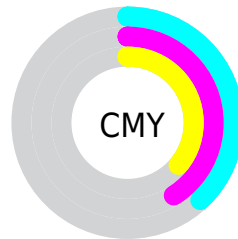
- Red (62%)
- Green (59%)
- Blue (64%)



- Red (62%)
- Yellow (59%)
- Blue (64%)



- Cyan (3%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (38%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 7.254, 312.212 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 63, 7.254, 312.212 by changing the saturation by 10% instead.

■ 63, 7.254, 312.212

■ 63, 7.254, 312.212

■ 100, 7.254,
312.212

■ 53, 7.254, 312.212

■ 83, 7.254, 312.212

■ 43, 7.254, 312.212

■ 93, 7.254, 312.212

■ 33, 7.254, 312.212

■ 23, 7.254, 312.212

■ 13, 7.254, 312.212

■ 3, 7.254, 312.212

■ 0, 7.254, 312.212

■ 63, 7.254, 312.212

■ 63, 7.254, 312.212

■ 58, 17.252,

■ 68, 2.495, 131.871

312.654

73, 11.968,
131.462

53, 27.457,
313.115

78, 21.162,
131.123

49, 37.780,
313.581

83, 30.080,
130.822

44, 48.066,
314.031

87, 38.732,
130.556

40, 58.066,
314.426

92, 47.129,
130.321

36, 67.402,
314.714

95, 50.555,
128.942

32, 75.555,
314.820

95, 49.599,
126.369

29, 81.922,
314.658

96, 48.744,
123.651

27, 86.194,
314.184

Harmonies

Complementary

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



63, 7.254, 312.212



66, 7.183, 131.636

Rectangle

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



63, 7.254, 312.212



63, 7.254, 2.212



63, 7.254, 132.212



63, 7.254, 182.212

Sweetspot

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



63, 7.252, 312.209



84, 2.424, 311.943



64, 4.230, 263.293



45, 1.389, 311.934



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 7.252, 312.209



79, 10.980, 312.287



63, 7.785, 326.665



32, 5.585, 312.292



24, 80.500, 314.166



1, 8.491, 310.053

Inverse Universe

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



63, 5.430, 348.971



80, 8.225, 349.145



65, 7.768, 145.885



32, 4.184, 349.155



30, 55.589, 8.977



1, 6.268, 350.814

Previews

White Background



This preview shows how the CIELCh color 63, 7.254, 312.212 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 63, 7.254, 312.212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

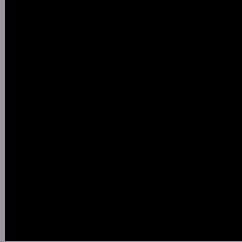
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 7.254, 312.212

Background



This preview shows how black text looks on a background with the CIELCh color 63, 7.254, 312.212.

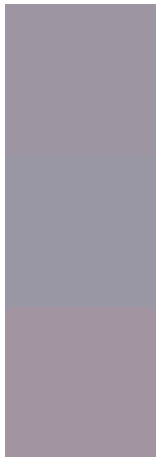


This preview shows how white text looks on a background with the CIELCh color 63, 7.254, 312.212.

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

63, 7.254, 312.212

Protanopia

63, 6.739, 294.088

Deuteranopia

63, 9.733, 326.771



Tritanopia
63, 7.254, 312.212

Trichromacy



Original Color
63, 7.254, 312.212

Protanomaly
63, 6.830, 300.368

Deuteranomaly
63, 8.624, 322.727

Tritanomaly
63, 7.254, 312.212

Monochromacy



Original Color
63, 7.254, 312.212

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 2.379, 309.136

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 7.254, 312.212 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(157, 150, 162)` looks like.

```
.text, #text, p{  
    color:rgb(157, 150, 162)  
}
```

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(157, 150, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 150, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 7.254, 312.212 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(157, 150, 162) }
```

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

```
.border{ border-color:rgb(157, 150, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 150, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 150, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 150, 162);  
box-shadow:4px 4px 4px 4px rgb(157, 150,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 7.254, 312.212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 150, 162) }
```

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

```
.background{ background-color: rgb(157,  
150, 162) }
```

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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