

Converting Colors

CIELCh(63, 6.055, 325.300)

Have a look what the booklet for
CIELCh(63, 6.055, 325.300) contains.

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Color

CIELCh(63, 6.127, 324.710)

Conversions

Conversions Part 1

Format	Color
Hex	9F969F
RGB	159, 150, 159
RGB Percent	62%, 59%, 62%
CMY	0.3773, 0.4126, 0.3773
CMYK	0.00, 0.06, 0.00, 0.38
HSL	300°, 4%, 61%
HSV	300°, 6%, 62%
XYZ	31.3647, 31.5869, 37.1444
YIQ	153.7170, 2.4750, 4.7070

Conversions

Conversions Part 2

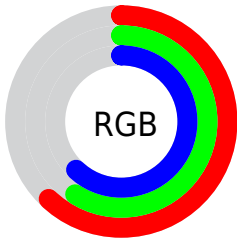
Format	Color
R_{YB}	159, 150, 159
Decimal	10458783
CIE _{Lab}	63.00, 5.00, -3.54
CIE _{LCh}	63, 6.127, 324.710
Yxy	31.5869, 0.3133, 0.3156
Android (android.graphics.Color)	4288648863 (0xFF9F969F)
YUV	153.7170, 2.6045, 4.6332
Hunter-Lab	56.2022, 1.2614, 0.1564

Details

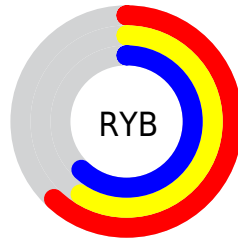
The CIELCh color $63, 6.127, 324.710$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 6.110, 144.162$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 6.439, 324.655$, and $43, 6.579, 324.847$ is the 20% darker color. If you saturate the color by 10%, you get $59, 17.022, 325.269$, and if you desaturate by 10%, it is $67, 4.632, 144.261$.

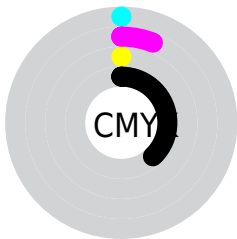
Distribution



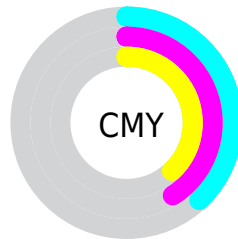
- Red (62%)
- Green (59%)
- Blue (62%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 6.127, 324.710 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, 6.127, 324.710 by changing the saturation by 10% instead.

■ 63, 6.127, 324.710

■ 63, 6.127, 324.710

■ 100, 6.127,
324.710

■ 53, 6.127, 324.710

■ 83, 6.127, 324.710

■ 43, 6.127, 324.710

■ 93, 6.127, 324.710

■ 33, 6.127, 324.710

■ 23, 6.127, 324.710

■ 13, 6.127, 324.710

■ 3, 6.127, 324.710

■ 0, 6.127, 324.710

■ 63, 6.127, 324.710

■ 63, 6.127, 324.710

■ 59, 17.022,

■ 67, 4.632, 144.261

325.269

72, 15.159,
143.709

55, 27.920,
325.805

76, 25.406,
143.203

51, 38.615,
326.320

81, 35.345,
142.723

48, 48.830,
326.801

85, 44.970,
142.270

45, 58.212,
327.231

89, 54.282,
141.843

42, 66.362,
327.596

92, 59.960,
141.590

40, 72.892,
327.882

92, 59.960,
141.590

39, 77.516,
328.081

92, 59.960,
141.590

38, 80.198,
328.195

Harmonies

Complementary

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



63, 6.127, 324.710



64, 6.110, 144.162

Rectangle

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



63, 6.127, 324.710



63, 6.127, 14.710



63, 6.127, 144.710



63, 6.127, 194.710

Sweetspot

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



63, 6.125, 324.710



82, 2.677, 324.453



62, 5.049, 290.741



44, 1.534, 324.440



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



63, 6.125, 324.710



79, 9.384, 324.796



63, 4.306, 344.027



32, 4.878, 324.811



34, 75.046, 328.233



1, 7.944, 324.439

Inverse Universe

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



63, 6.125, 324.710



79, 9.384, 324.796



65, 4.267, 163.275



32, 4.878, 324.811



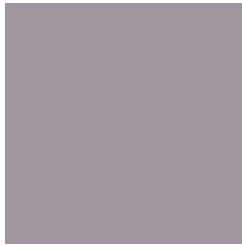
34, 75.046, 328.233



1, 7.944, 324.439

Previews

White Background



This preview shows how the CIELCh color 63, 6.127, 324.710 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 63, 6.127, 324.710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

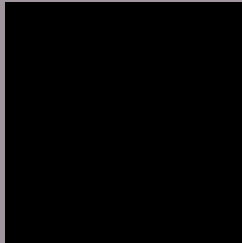
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 6.127, 324.710

Background



This preview shows how black text looks on a background with the CIELCh color 63, 6.127, 324.710.



This preview shows how white text looks on a background with the CIELCh color 63, 6.127, 324.710.

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, 6.127, 324.710

Protanopia

63, 4.500, 295.475

Deuteranopia

63, 8.720, 335.424



Tritanopia
63, 7.756, 320.105

Trichromacy



Original Color

63, 6.127, 324.710

Protanomaly

63, 5.283, 307.345

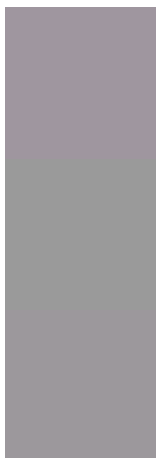
Deuteranomaly

63, 7.519, 332.092

Tritanomaly

63, 7.277, 322.271

Monochromacy



Original Color

63, 6.127, 324.710

Achromatopsia

64, 0.008, 296.813

Achromatomaly

63, 2.730, 324.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 6.127, 324.710 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(159, 150, 159)` looks like.

```
.text, #text, p{  
    color:rgb(159, 150, 159)  
}
```

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(159, 150, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 150, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 6.127, 324.710 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(159, 150, 159) }
```

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

```
.border{ border-color:rgb(159, 150, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 150, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 150, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 150, 159);  
box-shadow:4px 4px 4px 4px rgb(159, 150,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 6.127, 324.710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 150, 159) }
```

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

```
.background{ background-color: rgb(159,  
150, 159) }
```

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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