

Converting Colors

CIELCh(63, 4.640, 304.826)

Have a look what the booklet for
CIELCh(63, 4.640, 304.826) contains.

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Color

CIELCh(63, 4.640, 304.826)

Conversions

Conversions Part 1

Format	Color
Hex	9A979F
RGB	154, 151, 159
RGB Percent	60%, 59%, 62%
CMY	0.3954, 0.4071, 0.3758
CMYK	0.03, 0.05, 0.00, 0.38
HSL	262°, 4%, 61%
HSV	262°, 5%, 62%
XYZ	30.7288, 31.5869, 37.3595
YIQ	152.8090, -0.7800, 3.1240

Conversions

Conversions Part 2

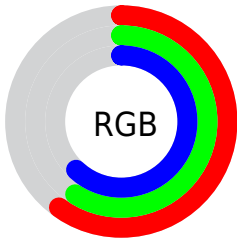
Format	Color
R_YB	154, 151, 159
Decimal	10131359
CIE Lab	63.00, 2.65, -3.81
CIE LCh	63, 4.640, 304.826
Yxy	31.5869, 0.3083, 0.3169
Android (android.graphics.Color)	4288321439 (0xFF9A979F)
YUV	152.8090, 3.0522, 1.0445
Hunter-Lab	56.2022, -0.7584, -0.0705

Details

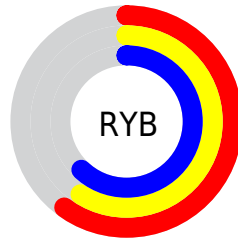
The CIELCh color $63, 4.640, 304.826$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 4.586, 124.348$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 4.902, 303.263$, and $43, 4.990, 304.940$ is the 20% darker color. If you saturate the color by 10%, you get $58, 14.083, 305.375$, and if you desaturate by 10%, it is $68, 4.499, 124.362$.

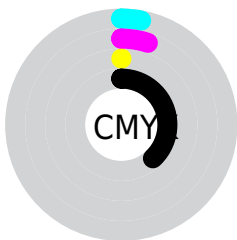
Distribution



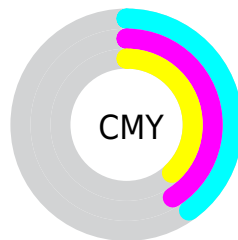
- Red (60%)
- Green (59%)
- Blue (62%)



- Red (60%)
- Yellow (59%)
- Blue (62%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (38%)



- Cyan (40%)
- Magenta (41%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 4.640, 304.826 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, 4.640, 304.826 by changing the saturation by 10% instead.

■ 63, 4.640, 304.826

■ 63, 4.640, 304.826

■ 100, 4.640,
304.826

■ 53, 4.640, 304.826

■ 83, 4.640, 304.826

■ 43, 4.640, 304.826

■ 93, 4.640, 304.826

■ 33, 4.640, 304.826

■ 23, 4.640, 304.826

■ 13, 4.640, 304.826

■ 3, 4.640, 304.826

■ 0, 4.640, 304.826

■ 63, 4.640, 304.826

■ 63, 4.640, 304.826

■ 58, 14.083,

■ 68, 4.499, 124.362

305.375

73, 13.335,
123.928

53, 23.829,
305.987

78, 21.881,
123.555

48, 33.848,
306.656

83, 30.152,
123.232

43, 44.067,
307.370

88, 38.163,
122.953

38, 54.341,
308.100

93, 45.929,
122.713

33, 64.391,
308.791

96, 49.385,
120.630

29, 73.745,
309.358

97, 48.529,
116.318

26, 81.696,
309.674

97, 47.977,
111.801

23, 87.442,
309.600

Harmonies

Complementary

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



63, 4.640, 304.826



65, 4.586, 124.348

Rectangle

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



63, 4.640, 304.826



63, 4.640, 354.826



63, 4.640, 124.826



63, 4.640, 174.826

Sweetspot

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



63, 4.638, 304.819



82, 2.277, 304.648



64, 2.494, 240.454



44, 1.305, 304.640



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, 4.638, 304.819



79, 6.857, 304.878



63, 5.223, 320.959



32, 3.640, 304.897



19, 82.963, 309.647



1, 6.718, 303.868

Inverse Universe

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



63, 4.176, 337.762



80, 6.170, 337.853



65, 5.201, 140.567



32, 3.275, 337.883



31, 57.652, 350.133



1, 5.946, 338.959

Previews

White Background



This preview shows how the CIELCh color 63, 4.640, 304.826 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, 4.640, 304.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

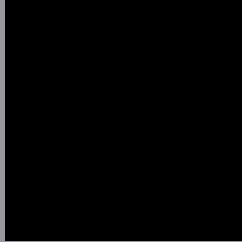
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

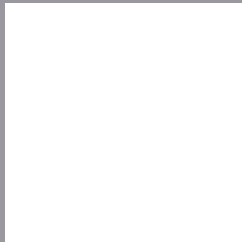
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 4.640, 304.826

Background



This preview shows how black text looks on a background with the CIELCh color 63, 4.640, 304.826.

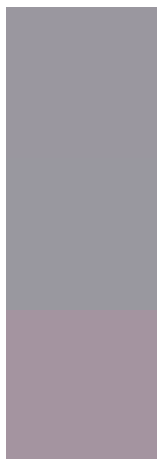


This preview shows how white text looks on a background with the CIELCh color 63, 4.640, 304.826.

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, 4.640, 304.826

Protanopia

63, 3.944, 296.111

Deuteranopia

63, 9.118, 332.931



Tritanopia
63, 6.906, 303.440

Trichromacy



Original Color
63, 4.640, 304.826

Protanomaly
63, 3.944, 296.111

Deuteranomaly
63, 7.485, 324.781

Tritanomaly
63, 6.362, 304.510

Monochromacy



Original Color
63, 4.640, 304.826

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 1.732, 303.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 4.640, 304.826 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(154, 151, 159)` looks like.

```
.text, #text, p{  
    color:rgb(154, 151, 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(154, 151, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 151, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 4.640, 304.826 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(154, 151, 159) }
```

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

```
.border{ border-color:rgb(154, 151, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 151, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 151, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 151, 159);  
box-shadow:4px 4px 4px 4px rgb(154, 151,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 4.640, 304.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 151, 159) }
```

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

```
.background{ background-color: rgb(154,  
151, 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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