

Converting Colors

CIELCh(63, 4.438, 163.255)

Have a look what the booklet for
CIELCh(63, 4.438, 163.255) contains.

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Color

CIELCh(63, 4.766, 163.202)

Conversions

Conversions Part 1

Format	Color
Hex	919B96
RGB	145, 155, 150
RGB Percent	57%, 61%, 59%
CMY	0.4320, 0.3928, 0.4124
CMYK	0.06, 0.00, 0.03, 0.39
HSL	150°, 5%, 59%
HSV	150°, 6%, 61%
XYZ	28.8317, 31.5869, 33.3599
YIQ	151.4400, -4.3550, -3.6750

Conversions

Conversions Part 2

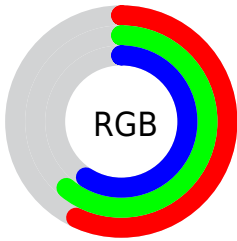
Format	Color
RYB	145, 152, 155
Decimal	9542550
CIELab	63.00, -4.56, 1.38
CIELCh	63, 4.766, 163.202
Yxy	31.5869, 0.3074, 0.3368
Android (android.graphics.Color)	4287732630 (0xFF919B96)
YUV	151.4400, -0.7099, -5.6479
Hunter-Lab	56.2022, -6.7836, 4.1488

Details

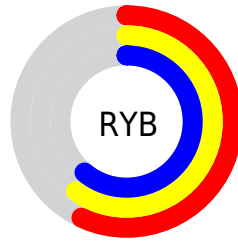
The CIELCh color $63, 4.766, 163.202$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $61, 4.814, 344.095$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 4.506, 163.353$, and $43, 4.801, 160.180$ is the 20% darker color. If you saturate the color by 10%, you get $62, 12.156, 162.282$, and if you desaturate by 10%, it is $64, 2.614, 343.786$.

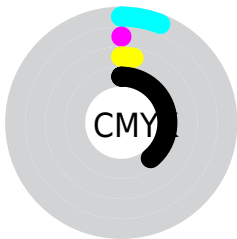
Distribution



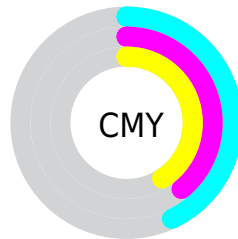
- Red (57%)
- Green (61%)
- Blue (59%)



- Red (57%)
- Yellow (60%)
- Blue (61%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (39%)



- Cyan (43%)
- Magenta (39%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 4.766, 163.202 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, 4.766, 163.202 by changing the saturation by 10% instead.

■ 63, 4.766, 163.202

■ 63, 4.766, 163.202

■ 100, 4.766,
163.202

■ 53, 4.766, 163.202

■ 83, 4.766, 163.202

■ 43, 4.766, 163.202

■ 93, 4.766, 163.202

■ 33, 4.766, 163.202

■ 23, 4.766, 163.202

■ 13, 4.766, 163.202

■ 3, 4.766, 163.202

■ 0, 4.766, 163.202

■ 63, 4.766, 163.202

■ 63, 4.766, 163.202

■ 62, 12.156,

■ 64, 2.614, 343.786

162.282

66, 9.923, 344.603

61, 19.466,
161.305

68, 17.110,
345.282

59, 26.597,
160.218

69, 24.140,
345.904

59, 33.433,
158.996

71, 30.990,
346.482

58, 39.854,
157.617

73, 37.649,
347.023

57, 45.746,
156.056

75, 44.110,
347.532

57, 51.017,
154.297

76, 46.681,
343.728

56, 55.620,
152.333

76, 49.020,
339.778

56, 59.587,
150.203

Harmonies

Complementary

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



63, 4.766, 163.202



61, 4.814, 344.095

Rectangle

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



63, 4.766, 163.202



63, 4.766, 213.202



63, 4.766, 343.202



63, 4.766, 33.202

Sweetspot

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



63, 4.768, 163.195



81, 1.823, 163.707



63, 5.894, 128.220



43, 1.044, 163.731



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



63, 4.768, 163.195



80, 7.321, 163.039



63, 3.779, 197.763



32, 4.134, 162.943



51, 56.433, 149.695



3, 4.500, 163.203

Inverse Universe

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



61, 4.814, 344.095



77, 7.403, 344.251



61, 3.927, 18.316



30, 4.185, 344.347



30, 54.422, 0.952



1, 4.448, 344.095

Previews

White Background



This preview shows how the CIELCh color 63, 4.766, 163.202 looks on a white background.

Color Contrast Check

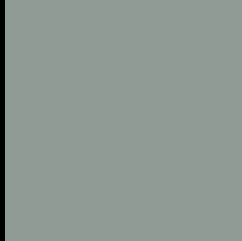
Large Text (above 18pt) WCAG AA × Fail

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, 4.766, 163.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

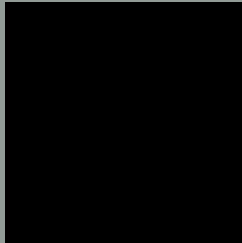
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

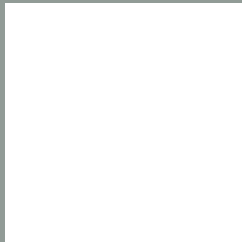
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 4.766, 163.202

Background



This preview shows how black text looks on a background with the CIELCh color 63, 4.766, 163.202.



This preview shows how white text looks on a background with the CIELCh color 63, 4.766, 163.202.

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](#).

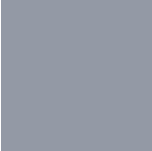
Dichromacy



Original Color
63, 4.766, 163.202

Protanopia
63, 2.706, 74.701

Deuteranopia
63, 8.153, 4.320



Tritanopia
63, 7.022, 272.567

Trichromacy



Original Color
63, 4.766, 163.202

Protanomaly
63, 2.262, 119.764

Deuteranomaly
63, 3.547, 10.579

Tritanomaly
63, 4.055, 242.961

Monochromacy



Original Color
63, 4.766, 163.202

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 1.283, 173.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 4.766, 163.202 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(145, 155, 150)` looks like.

```
.text, #text, p{  
    color:rgb(145, 155, 150)  
}
```

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(145, 155, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 155, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 4.766, 163.202 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(145, 155, 150) }
```

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

```
.border{ border-color:rgb(145, 155, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 155, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 155, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 155, 150);  
box-shadow:4px 4px 4px 4px rgb(145, 155,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 4.766, 163.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 155, 150) }
```

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

```
.background{ background-color: rgb(145,  
155, 150) }
```

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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