

Converting Colors

CIELCh(63, 4.388, 198.638)

Have a look what the booklet for
CIELCh(63, 4.388, 198.638) contains.

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Color

CIELCh(63, 4.515, 199.092)

Conversions

Conversions Part 1

Format	Color
Hex	8F9B9B
RGB	143, 155, 155
RGB Percent	56%, 61%, 61%
CMY	0.4397, 0.3927, 0.3927
CMYK	0.08, 0.00, 0.00, 0.39
HSL	180°, 6%, 58%
HSV	180°, 8%, 61%
XYZ	28.9080, 31.5869, 35.5236
YIQ	151.4120, -7.1520, -2.5440

Conversions

Conversions Part 2

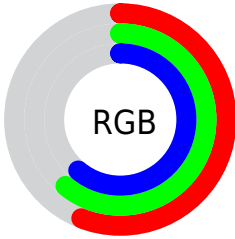
Format	Color
RYB	143, 149, 155
Decimal	9411483
CIELab	63.00, -4.27, -1.48
CIElCh	63, 4.515, 199.092
Yxy	31.5869, 0.3011, 0.3290
Android (android.graphics.Color)	4287601563 (0xFF8F9B9B)
YUV	151.4120, 1.7689, -7.3773
Hunter-Lab	56.2022, -6.5414, 1.8662

Details

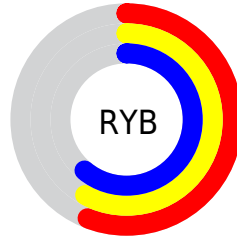
The CIELCh color $63, 4.515, 199.092$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 4.735, 19.765$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 4.290, 199.222$, and $43, 4.421, 198.943$ is the 20% darker color. If you saturate the color by 10%, you get $62, 10.071, 198.514$, and if you desaturate by 10%, it is $64, 1.342, 19.173$.

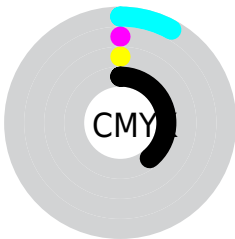
Distribution



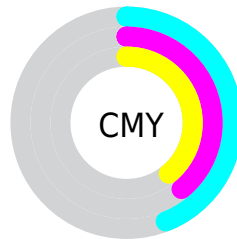
- Red (56%)
- Green (61%)
- Blue (61%)



- Red (56%)
- Yellow (58%)
- Blue (61%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (39%)



- Cyan (44%)
- Magenta (39%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 4.515, 199.092 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, 4.515, 199.092 by changing the saturation by 10% instead.

■ 63, 4.515, 199.092

■ 63, 4.515, 199.092

■ 100, 4.515,
199.092

■ 53, 4.515, 199.092

■ 83, 4.515, 199.092

■ 43, 4.515, 199.092

■ 93, 4.515, 199.092

■ 33, 4.515, 199.092

■ 23, 4.515, 199.092

■ 13, 4.515, 199.092

■ 3, 4.515, 199.092

■ 0, 4.515, 199.092

■ 63, 4.515, 199.092

■ 63, 4.515, 199.092

■ 62, 10.071,

■ 64, 1.342, 19.173

198.514

66, 7.421, 20.020

61, 15.236,
198.037

67, 13.654, 20.636

60, 19.918,
197.617

69, 19.982, 21.250

59, 24.031,
197.256

70, 26.358, 21.866

59, 27.497,
196.957

74, 39.114, 23.097

58, 30.262,
196.721

74, 40.642, 23.243

58, 32.304,
196.547

74, 40.641, 23.240

58, 33.641,
196.434

58, 34.390,
196.369

Harmonies

Complementary

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



63, 4.515, 199.092



60, 4.735, 19.765

Rectangle

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



63, 4.515, 199.092



63, 4.515, 249.092



63, 4.515, 19.092



63, 4.515, 69.092

Sweetspot

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



63, 4.516, 199.075



81, 1.462, 199.657



63, 8.159, 143.596



43, 0.838, 199.688



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, 4.516, 199.075



80, 6.476, 198.985



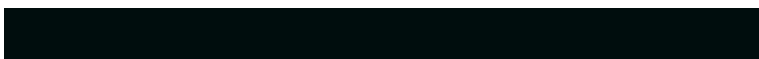
61, 3.974, 254.624



32, 3.250, 198.982



53, 32.124, 196.356



3, 3.595, 199.403

Inverse Universe

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



60, 4.735, 19.765



76, 6.851, 19.877



62, 4.048, 72.612



30, 3.439, 19.880



28, 66.106, 39.042



1, 3.595, 19.389

Previews

White Background



This preview shows how the CIE LCh color 63, 4.515, 199.092 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, 4.515, 199.092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

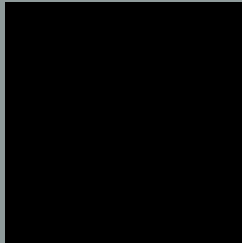
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

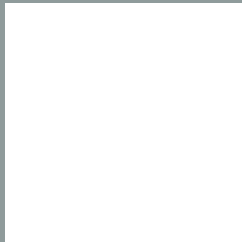
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 4.515, 199.092

Background



This preview shows how black text looks on a background with the CIELCh color 63, 4.515, 199.092.

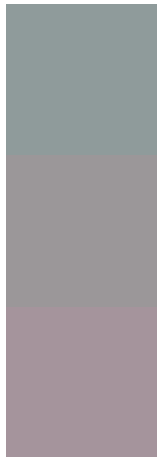


This preview shows how white text looks on a background with the CIELCh color 63, 4.515, 199.092.

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

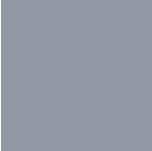
63, 4.515, 199.092

Protanopia

63, 1.918, 343.681

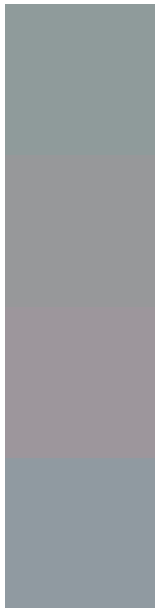
Deuteranopia

63, 7.968, 346.093



Tritanopia
63, 7.268, 267.074

Trichromacy



Original Color
63, 4.515, 199.092

Protanomaly
63, 1.183, 271.526

Deuteranomaly
63, 4.325, 328.812

Tritanomaly
63, 5.333, 246.575

Monochromacy



Original Color
63, 4.515, 199.092

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 1.527, 199.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 4.515, 199.092 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(143, 155, 155)` looks like.

```
.text, #text, p{  
    color:rgb(143, 155, 155)  
}
```

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(143, 155, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 155, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 4.515, 199.092 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(143, 155, 155) }
```

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

```
.border{ border-color:rgb(143, 155, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 155, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 155, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 155, 155);  
box-shadow:4px 4px 4px 4px rgb(143, 155,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 4.515, 199.092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 155, 155) }
```

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

```
.background{ background-color: rgb(143,  
155, 155) }
```

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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