

Converting Colors

CIELCh(63, 4.867, 216.990)

Have a look what the booklet for
CIELCh(63, 4.867, 216.990) contains.

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Color

CIELCh(63, 4.962, 212.122)

Conversions

Conversions Part 1

Format	Color
Hex	8E9B9D
RGB	142, 155, 157
RGB Percent	56%, 61%, 62%
CMY	0.4435, 0.3925, 0.3847
CMYK	0.10, 0.01, 0.00, 0.38
HSL	188°, 7%, 59%
HSV	188°, 10%, 62%
XYZ	28.9245, 31.5869, 36.4304
YIQ	151.3410, -8.3900, -2.1340

Conversions

Conversions Part 2

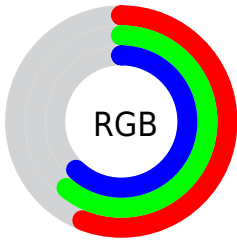
Format	Color
RYB	142, 149, 157
Decimal	9345949
CIELab	63.00, -4.20, -2.64
CIElCh	63, 4.962, 212.122
Yxy	31.5869, 0.2984, 0.3258
Android (android.graphics.Color)	4287536029 (0xFF8E9B9D)
YUV	151.3410, 2.7899, -8.1921
Hunter-Lab	56.2022, -6.4887, 0.9097

Details

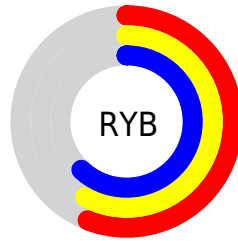
The CIELCh color $63, 4.962, 212.122$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 5.271, 32.063$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 4.851, 218.314$, and $43, 4.895, 213.185$ is the 20% darker color. If you saturate the color by 10%, you get $61, 9.869, 212.131$, and if you desaturate by 10%, it is $65, 0.234, 30.058$.

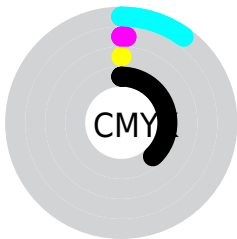
Distribution



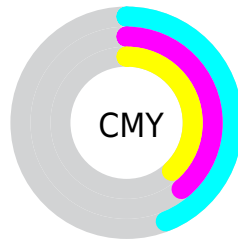
- Red (56%)
- Green (61%)
- Blue (62%)



- Red (56%)
- Yellow (58%)
- Blue (62%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (38%)



- Cyan (44%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 4.962, 212.122 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, 4.962, 212.122 by changing the saturation by 10% instead.

■ 63, 4.962, 212.122

■ 63, 4.962, 212.122

■ 100, 4.962,
212.122

■ 53, 4.962, 212.122

■ 83, 4.962, 212.122

■ 43, 4.962, 212.122

■ 93, 4.962, 212.122

■ 33, 4.962, 212.122

■ 23, 4.962, 212.122

■ 13, 4.962, 212.122

■ 3, 4.962, 212.122

■ 0, 4.962, 212.122

■ 63, 4.962, 212.122

■ 63, 4.962, 212.122

■ 61, 9.869, 212.131

■ 65, 0.234, 30.058

60, 14.410,
212.318

67, 5.652, 32.063

58, 18.505,
212.673

69, 11.235, 32.269

57, 22.072,
213.230

71, 16.934, 32.494

56, 25.038,
214.032

75, 28.532, 33.014

55, 27.349,
215.129

77, 34.375, 33.298

54, 28.983,
216.574

78, 35.156, 34.831

53, 29.962,
218.420

78, 34.647, 36.742

52, 30.464,
220.611

Harmonies

Complementary

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



63, 4.962, 212.122



61, 5.271, 32.063

Rectangle

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



63, 4.962, 212.122



63, 4.962, 262.122



63, 4.962, 32.122



63, 4.962, 82.122

Sweetspot

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



63, 4.963, 212.104



81, 1.960, 212.306



63, 9.447, 147.232



43, 1.479, 212.246



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, 4.963, 212.104



80, 7.041, 212.095



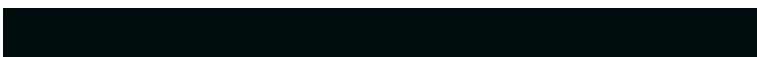
61, 5.593, 268.201



33, 2.956, 212.107



47, 28.467, 220.485



3, 3.889, 214.819

Inverse Universe

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



61, 9.359, 328.827



76, 13.350, 328.927



63, 5.626, 85.698



31, 5.569, 328.808



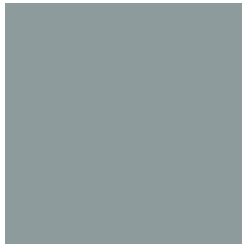
32, 67.757, 334.213



1, 7.115, 329.125

Previews

White Background



This preview shows how the CIELCh color 63, 4.962, 212.122 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, 4.962, 212.122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

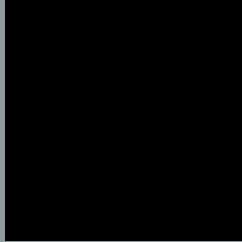
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

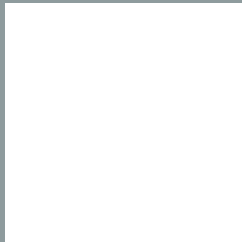
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 4.962, 212.122

Background



This preview shows how black text looks on a background with the CIELCh color 63, 4.962, 212.122.



This preview shows how white text looks on a background with the CIELCh color 63, 4.962, 212.122.

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

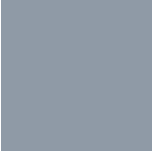
63, 4.962, 212.122

Protanopia

63, 2.534, 317.338

Deuteranopia

63, 8.341, 338.154



Tritanopia
63, 7.735, 259.636

Trichromacy



Original Color
63, 4.962, 212.122

Protanomaly
63, 2.357, 271.679

Deuteranomaly
63, 4.380, 316.329

Tritanomaly
63, 6.387, 251.385

Monochromacy



Original Color
63, 4.962, 212.122

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 1.617, 219.828

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 4.962, 212.122 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(142, 155, 157)` looks like.

```
.text, #text, p{  
    color:rgb(142, 155, 157)  
}
```

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(142, 155, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 155, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 4.962, 212.122 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(142, 155, 157) }
```

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

```
.border{ border-color:rgb(142, 155, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 155, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 155, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 155, 157);  
box-shadow:4px 4px 4px 4px rgb(142, 155,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 4.962, 212.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 155, 157) }
```

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

```
.background{ background-color: rgb(142,  
155, 157) }
```

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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