

Converting Colors

CIELCh(63, 6.688, 249.980)

Have a look what the booklet for
CIELCh(63, 6.688, 249.980) contains.

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Color

CIELCh(63, 6.614, 248.909)

Conversions

Conversions Part 1

Format	Color
Hex	8E9AA3
RGB	142, 154, 163
RGB Percent	56%, 60%, 64%
CMY	0.4424, 0.3954, 0.3601
CMYK	0.13, 0.06, 0.00, 0.36
HSL	206°, 10%, 60%
HSV	206°, 13%, 64%
XYZ	29.3973, 31.5869, 39.2823
YIQ	151.4380, -10.0410, 0.2550

Conversions

Conversions Part 2

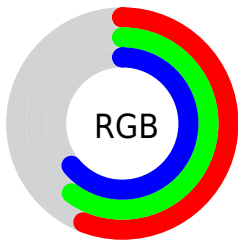
Format	Color
RYB	142, 150, 163
Decimal	9345699
CIELab	63.00, -2.38, -6.17
CIELCh	63, 6.614, 248.909
Yxy	31.5869, 0.2932, 0.3150
Android (android.graphics.Color)	4287535779 (0xFF8E9AA3)
YUV	151.4380, 5.7001, -8.2771
Hunter-Lab	56.2022, -4.9873, -2.0989

Details

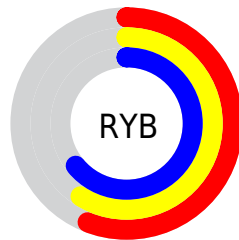
The CIELCh color **63, 6.614, 248.909** is a light color, and the websafe version is hex **999999**. A complement of this color would be **63, 6.925, 65.871**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 6.688, 251.660**, and **43, 6.359, 248.482** is the 20% darker color. If you saturate the color by 10%, you get **60, 11.607, 250.348**, and if you desaturate by 10%, it is **66, 1.494, 247.855**.

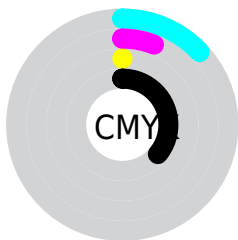
Distribution



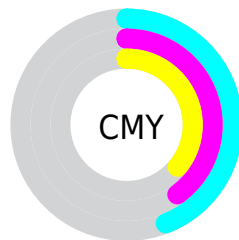
- Red (56%)
- Green (60%)
- Blue (64%)



- Red (56%)
- Yellow (59%)
- Blue (64%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (36%)



- Cyan (44%)
- Magenta (40%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 6.614, 248.909 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, 6.614, 248.909 by changing the saturation by 10% instead.

■ 63, 6.614, 248.909

■ 63, 6.614, 248.909

■ 100, 6.614,
248.909

■ 53, 6.614, 248.909

■ 83, 6.614, 248.909

■ 43, 6.614, 248.909

■ 93, 6.614, 248.909

■ 33, 6.614, 248.909

■ 23, 6.614, 248.909

■ 13, 6.614, 248.909

■ 3, 6.614, 248.909

■ 0, 6.614, 248.909

■ 63, 6.614, 248.909

■ 63, 6.614, 248.909

■ 60, 11.607,

■ 66, 1.494, 247.855

250.348

69, 3.719, 66.484

57, 16.443,
252.116

73, 8.998, 65.672

54, 21.090,
254.254

76, 14.320, 64.949

51, 25.526,
256.829

79, 19.664, 64.324

48, 29.746,
259.905

82, 25.013, 63.782

45, 33.772,
263.524

85, 29.932, 64.050

43, 37.664,
267.684

87, 30.687, 72.027

40, 41.519,
272.301

39, 44.346,
275.599

Harmonies

Complementary

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



63, 6.614, 248.909



63, 6.925, 65.871

Rectangle

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



63, 6.614, 248.909



63, 6.614, 298.909



63, 6.614, 68.909



63, 6.614, 118.909

Sweetspot

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



63, 6.613, 248.896



83, 2.567, 247.920



65, 10.557, 158.448



44, 1.837, 247.978



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 6.613, 248.896



79, 9.498, 249.218



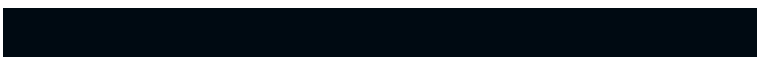
60, 10.883, 288.023



33, 2.919, 248.448



35, 40.400, 275.076



2, 4.733, 253.483

Inverse Universe

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



61, 10.587, 340.955



76, 15.279, 341.158



66, 10.627, 105.290



32, 4.637, 340.653



31, 56.999, 354.679



1, 6.884, 342.705

Previews

White Background



This preview shows how the CIELCh color 63, 6.614, 248.909 looks on a white background.

Color Contrast Check

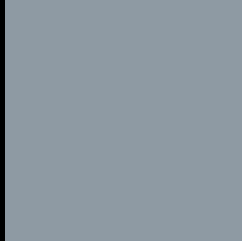
Large Text (above 18pt) WCAG AA × Fail

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, 6.614, 248.909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

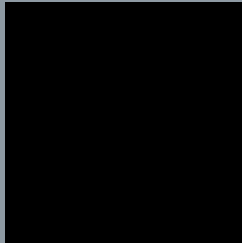
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 6.614, 248.909

Background



This preview shows how black text looks on a background with the CIELCh color 63, 6.614, 248.909.



This preview shows how white text looks on a background with the CIELCh color 63, 6.614, 248.909.

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

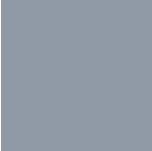
63, 6.614, 248.909

Protanopia

63, 5.622, 294.621

Deuteranopia

63, 10.265, 319.593



Tritanopia
63, 7.735, 259.636

Trichromacy



Original Color
63, 6.614, 248.909

Protanomaly
63, 5.766, 275.846

Deuteranomaly
63, 8.010, 301.766

Tritanomaly
63, 7.271, 257.220

Monochromacy



Original Color
63, 6.614, 248.909

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 2.509, 241.496

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 6.614, 248.909 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, 154, 163)` looks like.

```
.text, #text, p{  
    color:rgb(142, 154, 163)  
}
```

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, 154, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 154, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 6.614, 248.909 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, 154, 163) }
```

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

```
.border{ border-color:rgb(142, 154, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 154, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 154, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 154, 163);  
box-shadow:4px 4px 4px 4px rgb(142, 154,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 6.614, 248.909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 154, 163) }
```

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

```
.background{ background-color: rgb(142,  
154, 163) }
```

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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