

Converting Colors

CIELCh(63, 9.110, 265.080)

Have a look what the booklet for
CIELCh(63, 9.110, 265.080) contains.

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Color

CIELCh(63, 8.857, 261.623)

Conversions

Conversions Part 1

Format	Color
Hex	8E9AA8
RGB	142, 154, 168
RGB Percent	56%, 60%, 66%
CMY	0.4440, 0.3969, 0.3421
CMYK	0.15, 0.08, 0.00, 0.34
HSL	212°, 13%, 61%
HSV	212°, 15%, 66%
XYZ	29.6824, 31.5869, 41.4667
YIQ	152.0080, -11.6460, 1.8100

Conversions

Conversions Part 2

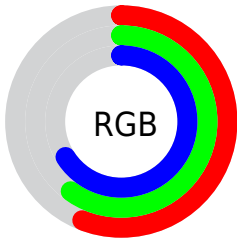
Format	Color
RYB	142, 150, 168
Decimal	9345704
CIELab	63.00, -1.29, -8.76
CIELCh	63, 8.857, 261.623
Yxy	31.5869, 0.2889, 0.3075
Android (android.graphics.Color)	4287535784 (0xFF8E9AA8)
YUV	152.0080, 7.8841, -8.7770
Hunter-Lab	56.2022, -4.0817, -4.4033

Details

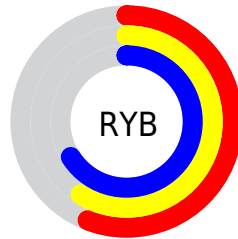
The CIELCh color $63, 8.857, 261.623$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 9.121, 77.506$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 8.872, 262.882$, and $43, 8.764, 262.671$ is the 20% darker color. If you saturate the color by 10%, you get $59, 14.539, 263.286$, and if you desaturate by 10%, it is $67, 3.148, 260.243$.

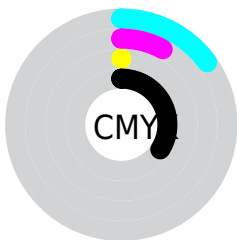
Distribution



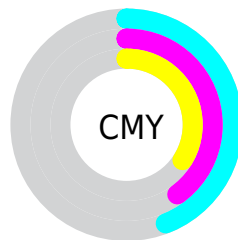
- Red (56%)
- Green (60%)
- Blue (66%)



- Red (56%)
- Yellow (59%)
- Blue (66%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (34%)



- Cyan (44%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 8.857, 261.623 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, 8.857, 261.623 by changing the saturation by 10% instead.

■ 63, 8.857, 261.623

■ 63, 8.857, 261.623

■ 100, 8.857,
261.623

■ 53, 8.857, 261.623

■ 83, 8.857, 261.623

■ 43, 8.857, 261.623

■ 93, 8.857, 261.623

■ 33, 8.857, 261.623

■ 23, 8.857, 261.623

■ 13, 8.857, 261.623

■ 3, 8.857, 261.623

■ 0, 8.857, 261.623

■ 63, 8.857, 261.623

■ 63, 8.857, 261.623

■ 59, 14.539,

■ 67, 3.148, 260.243

263.286

70, 2.571, 78.811

56, 20.183,
265.268

74, 8.283, 77.839

52, 25.779,
267.610

78, 13.977, 76.943

48, 31.332,
270.361

82, 19.639, 76.156

45, 36.862,
273.556

85, 25.260, 75.462

42, 42.413,
277.194

89, 29.885, 77.535

91, 32.214, 86.751

39, 48.049,
281.214

93, 35.257, 94.473

36, 53.830,
285.464

34, 56.512,
287.277

Harmonies

Complementary

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



63, 8.857, 261.623



65, 9.121, 77.506

Rectangle

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



63, 8.857, 261.623



63, 8.857, 311.623



63, 8.857, 81.623



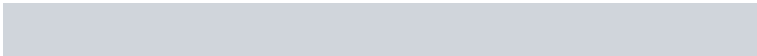
63, 8.857, 131.623

Sweetspot

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



63, 8.856, 261.615



85, 3.563, 260.198



67, 11.922, 164.174



45, 2.427, 260.275



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



63, 8.856, 261.615



79, 13.494, 262.226



60, 14.722, 293.046



34, 3.247, 260.722



30, 50.965, 286.793



2, 6.294, 265.669

Inverse Universe

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



62, 12.154, 347.102



77, 18.613, 347.484



68, 14.218, 110.099



33, 4.417, 346.510



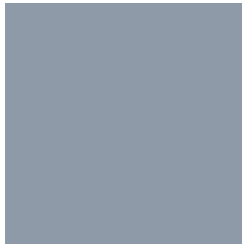
31, 56.278, 4.783



2, 7.635, 349.577

Previews

White Background



This preview shows how the CIELCh color 63, 8.857, 261.623 looks on a white background.

Color Contrast Check

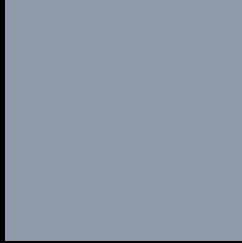
Large Text (above 18pt) WCAG AA × Fail

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, 8.857, 261.623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

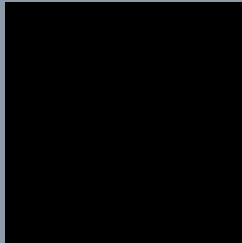
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

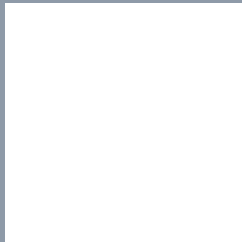
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 8.857, 261.623

Background



This preview shows how black text looks on a background with the CIELCh color 63, 8.857, 261.623.

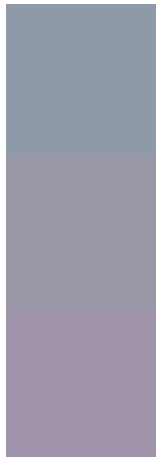


This preview shows how white text looks on a background with the CIELCh color 63, 8.857, 261.623.

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, 8.857, 261.623

Protanopia

63, 8.401, 291.094

Deuteranopia

63, 12.513, 310.429



Tritanopia
63, 7.918, 257.384

Trichromacy



Original Color
63, 8.857, 261.623

Protanomaly
63, 8.493, 281.146

Deuteranomaly
63, 10.723, 297.229

Tritanomaly
63, 8.382, 259.619

Monochromacy



Original Color
63, 8.857, 261.623

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 3.344, 256.293

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 8.857, 261.623 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(142, 154, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 154, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 8.857, 261.623 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, 168) }
```

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

```
.border{ border-color:rgb(142, 154, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 154, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 154, 168);  
box-shadow:4px 4px 4px 4px rgb(142, 154,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 8.857, 261.623 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, 168) }
```

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

```
.background{ background-color: rgb(142,  
154, 168) }
```

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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