

Converting Colors

CIELCh(63, 8.107, 257.443)

Have a look what the booklet for
CIELCh(63, 8.107, 257.443) contains.

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Color

CIELCh(63, 7.918, 257.384)

Conversions

Conversions Part 1

Format	Color
Hex	8E9AA6
RGB	142, 154, 166
RGB Percent	56%, 60%, 65%
CMY	0.4434, 0.3963, 0.3493
CMYK	0.14, 0.07, 0.00, 0.35
HSL	210°, 12%, 60%
HSV	210°, 14%, 65%
XYZ	29.5673, 31.5869, 40.5843
YIQ	151.7800, -11.0040, 1.1880

Conversions

Conversions Part 2

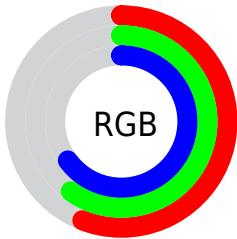
Format	Color
RYB	142, 150, 166
Decimal	9345702
CIELab	63.00, -1.73, -7.73
CIELCh	63, 7.918, 257.384
Yxy	31.5869, 0.2906, 0.3105
Android (android.graphics.Color)	4287535782 (0xFF8E9AA6)
YUV	151.7800, 7.0105, -8.5771
Hunter-Lab	56.2022, -4.4473, -3.4724

Details

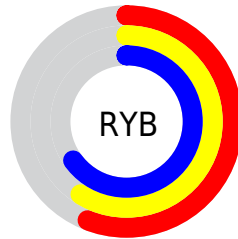
The CIELCh color $63, 7.918, 257.384$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 8.206, 73.634$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 7.966, 259.119$, and $43, 7.753, 258.024$ is the 20% darker color. If you saturate the color by 10%, you get $60, 13.316, 258.991$, and if you desaturate by 10%, it is $67, 2.457, 256.083$.

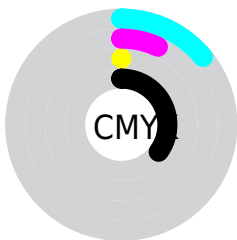
Distribution



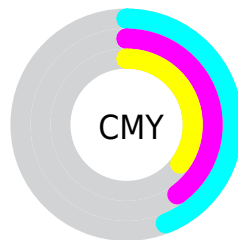
- Red (56%)
- Green (60%)
- Blue (65%)



- Red (56%)
- Yellow (59%)
- Blue (65%)



- Cyan (14%)
- Magenta (7%)
- Yellow (0%)
- Black (35%)



- Cyan (44%)
- Magenta (40%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 7.918, 257.384 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, 7.918, 257.384 by changing the saturation by 10% instead.

■ 63, 7.918, 257.384

■ 63, 7.918, 257.384

■ 100, 7.918,
257.384

■ 53, 7.918, 257.384

■ 83, 7.918, 257.384

■ 43, 7.918, 257.384

■ 93, 7.918, 257.384

■ 33, 7.918, 257.384

■ 23, 7.918, 257.384

■ 13, 7.918, 257.384

■ 3, 7.918, 257.384

■ 0, 7.918, 257.384

■ 63, 7.918, 257.384

■ 63, 7.918, 257.384

■ 60, 13.316,

■ 67, 2.457, 256.083

258.991

70, 3.045, 74.674

56, 18.631,
260.922

74, 8.567, 73.737

53, 23.849,
263.219

77, 14.093, 72.887

49, 28.963,
265.938

81, 19.608, 72.142

46, 33.986,
269.123

84, 25.101, 71.488

43, 38.957,
272.789

88, 29.778, 72.789

40, 43.942,
276.893

90, 31.498, 81.711

37, 49.024,
281.309

92, 33.903, 89.478

36, 51.932,
283.667

Harmonies

Complementary

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



63, 7.918, 257.384



64, 8.206, 73.634

Rectangle

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



63, 7.918, 257.384



63, 7.918, 307.384



63, 7.918, 77.384



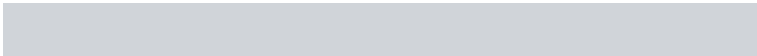
63, 7.918, 127.384

Sweetspot

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



63, 7.917, 257.374



85, 2.739, 256.047



66, 11.443, 161.593



45, 1.961, 256.118



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, 7.917, 257.374



79, 11.549, 257.806



60, 13.349, 291.055



34, 3.143, 256.655



32, 47.278, 283.198



2, 6.102, 262.565

Inverse Universe

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



61, 11.511, 344.831



77, 16.866, 345.098



67, 12.937, 108.119



33, 4.530, 344.360



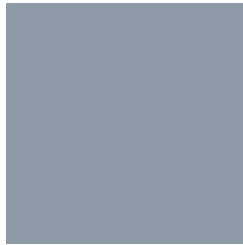
31, 56.546, 1.172



2, 7.800, 347.576

Previews

White Background



This preview shows how the CIELCh color 63, 7.918, 257.384 looks on a white background.

Color Contrast Check

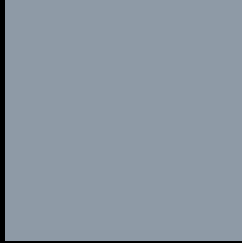
Large Text (above 18pt) WCAG AA × Fail

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, 7.918, 257.384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

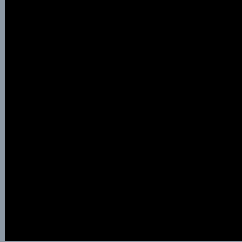
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

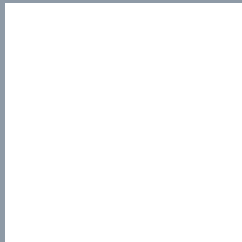
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 7.918, 257.384

Background



This preview shows how black text looks on a background with the CIELCh color 63, 7.918, 257.384.

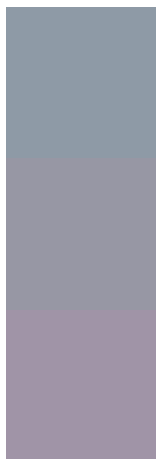


This preview shows how white text looks on a background with the CIELCh color 63, 7.918, 257.384.

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, 7.918, 257.384

Protanopia

63, 7.282, 290.975

Deuteranopia

63, 11.606, 313.983



Tritanopia
63, 7.918, 257.384

Trichromacy



Original Color
63, 7.918, 257.384

Protanomaly
63, 7.396, 279.469

Deuteranomaly
63, 9.611, 297.834

Tritanomaly
63, 7.918, 257.384

Monochromacy



Original Color
63, 7.918, 257.384

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 2.903, 249.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 7.918, 257.384 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(142, 154, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 154, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 7.918, 257.384 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, 166) }
```

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

```
.border{ border-color:rgb(142, 154, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 154, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 154, 166);  
box-shadow:4px 4px 4px 4px rgb(142, 154,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 7.918, 257.384 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, 166) }
```

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

```
.background{ background-color: rgb(142,  
154, 166) }
```

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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