

Converting Colors

CIELCh(63, 6.933, 237.040)

Have a look what the booklet for
CIELCh(63, 6.933, 237.040) contains.

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Color

CIELCh(63, 6.998, 238.925)

Conversions

Conversions Part 1

Format	Color
Hex	8C9BA3
RGB	140, 155, 163
RGB Percent	55%, 61%, 64%
CMY	0.4516, 0.3928, 0.3614
CMYK	0.14, 0.05, 0.00, 0.36
HSL	201°, 11%, 59%
HSV	201°, 14%, 64%
XYZ	29.0771, 31.5869, 39.1358
YIQ	151.4270, -11.5080, -0.6920

Conversions

Conversions Part 2

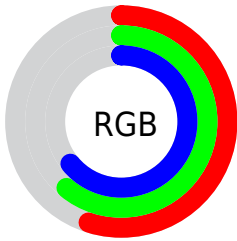
Format	Color
RYB	140, 149, 163
Decimal	9214883
CIELab	63.00, -3.61, -5.99
CIELCh	63, 6.998, 238.925
Yxy	31.5869, 0.2914, 0.3165
Android (android.graphics.Color)	4287404963 (0xFF8C9BA3)
YUV	151.4270, 5.7055, -10.0215
Hunter-Lab	56.2022, -6.0041, -1.9444

Details

The CIELCh color **63, 6.998, 238.925** is a light color, and the websafe version is hex **999999**. A complement of this color would be **62, 7.493, 56.271**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 7.004, 242.080**, and **43, 6.774, 237.499** is the 20% darker color. If you saturate the color by 10%, you get **60, 11.714, 240.141**, and if you desaturate by 10%, it is **66, 2.080, 238.037**.

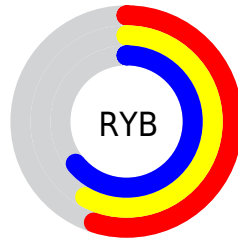
Distribution



Red (55%)

Green (61%)

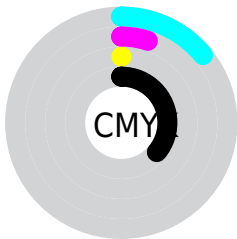
Blue (64%)



Red (55%)

Yellow (58%)

Blue (64%)

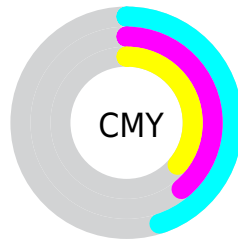


Cyan (14%)

Magenta (5%)

Yellow (0%)

Black (36%)



Cyan (45%)

Magenta (39%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 6.998, 238.925 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, 6.998, 238.925 by changing the saturation by 10% instead.

■ 63, 6.998, 238.925

■ 63, 6.998, 238.925

■ 100, 6.998,
238.925

■ 53, 6.998, 238.925

■ 83, 6.998, 238.925

■ 43, 6.998, 238.925

■ 93, 6.998, 238.925

■ 33, 6.998, 238.925

■ 23, 6.998, 238.925

■ 13, 6.998, 238.925

■ 3, 6.998, 238.925

■ 0, 6.998, 238.925

■ 63, 6.998, 238.925

■ 63, 6.998, 238.925

■ 60, 11.714,

■ 66, 2.080, 238.037

240.141

69, 2.996, 56.878

58, 16.181,
241.680

71, 8.190, 56.291

55, 20.352,
243.591

74, 13.470, 55.758

77, 18.808, 55.310

53, 24.185,
245.949

80, 24.181, 54.935

50, 27.659,
248.836

83, 29.572, 54.619

85, 29.930, 60.770

48, 30.781,
252.320

86, 30.293, 67.344

46, 33.605,
256.436

44, 36.233,
261.140

43, 37.802,
263.935

Harmonies

Complementary

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



63, 6.998, 238.925



62, 7.493, 56.271

Rectangle

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



63, 6.998, 238.925



63, 6.998, 288.925



63, 6.998, 58.925



63, 6.998, 108.925

Sweetspot

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



63, 6.998, 238.913



83, 2.499, 238.035



65, 12.310, 154.658



44, 1.787, 238.072



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, 6.998, 238.913



79, 10.365, 239.274



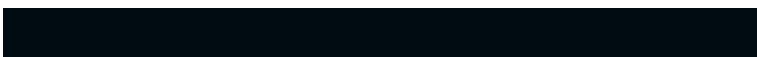
60, 10.892, 284.017



33, 2.833, 238.424



38, 34.574, 263.396



3, 4.545, 244.550

Inverse Universe

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



61, 12.279, 337.264



75, 18.337, 337.510



65, 10.689, 100.788



32, 4.909, 336.894



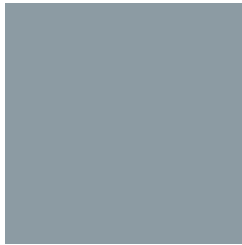
32, 59.231, 348.033



1, 7.272, 338.879

Previews

White Background



This preview shows how the CIELCh color 63, 6.998, 238.925 looks on a white background.

Color Contrast Check

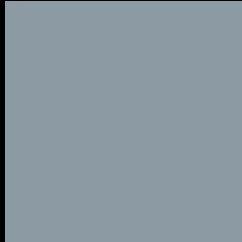
Large Text (above 18pt) WCAG AA × Fail

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, 6.998, 238.925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

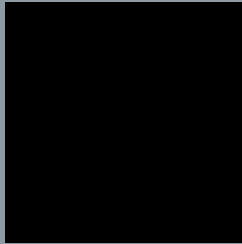
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

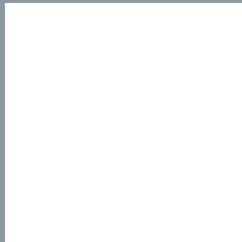
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 6.998, 238.925

Background



This preview shows how black text looks on a background with the CIELCh color 63, 6.998, 238.925.



This preview shows how white text looks on a background with the CIELCh color 63, 6.998, 238.925.

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

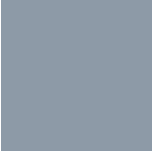
63, 6.998, 238.925

Protanopia

63, 5.622, 294.621

Deuteranopia

63, 10.451, 321.438



Tritanopia
63, 8.564, 257.551

Trichromacy



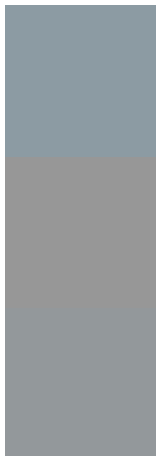
Original Color
63, 6.998, 238.925

Protanomaly
63, 5.766, 275.846

Deuteranomaly
63, 8.010, 301.766

Tritanomaly
63, 7.674, 252.676

Monochromacy



Original Color
63, 6.998, 238.925

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 2.511, 241.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 6.998, 238.925 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(140, 155, 163)` looks like.

```
.text, #text, p{  
    color:rgb(140, 155, 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(140, 155, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 155, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 6.998, 238.925 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(140, 155, 163) }
```

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

```
.border{ border-color:rgb(140, 155, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 155, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 155, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 155, 163);  
box-shadow:4px 4px 4px 4px rgb(140, 155,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 6.998, 238.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 155, 163) }
```

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

```
.background{ background-color: rgb(140,  
155, 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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