

Converting Colors

CIELCh(63, 12.188, 243.719)

Have a look what the booklet for
CIELCh(63, 12.188, 243.719)
contains.

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Color

CIELCh(63, 11.958, 243.647)

Conversions

Conversions Part 1

Format	Color
Hex	839CAB
RGB	131, 156, 171
RGB Percent	51%, 61%, 67%
CMY	0.4859, 0.3878, 0.3290
CMYK	0.23, 0.09, 0.00, 0.33
HSL	202°, 19%, 59%
HSV	202°, 23%, 67%
XYZ	28.6402, 31.5869, 43.1650
YIQ	150.2350, -19.7150, -0.6350

Conversions

Conversions Part 2

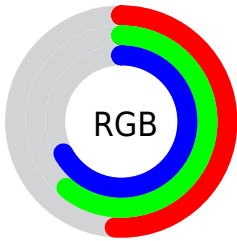
Format	Color
RYB	131, 146, 171
Decimal	8625323
CIELab	63.00, -5.31, -10.72
CIElCh	63, 11.958, 243.647
Yxy	31.5869, 0.2770, 0.3055
Android (android.graphics.Color)	4286815403 (0xFF839CAB)
YUV	150.2350, 10.2371, -16.8691
Hunter-Lab	56.2022, -7.3919, -6.1950

Details

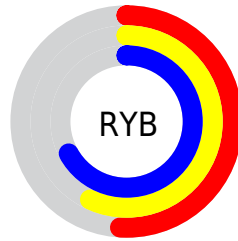
The CIELCh color $63, 11.958, 243.647$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $62, 13.351, 58.691$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 11.817, 244.913$, and $43, 11.913, 243.964$ is the 20% darker color. If you saturate the color by 10%, you get $60, 16.723, 245.275$, and if you desaturate by 10%, it is $66, 6.964, 242.324$.

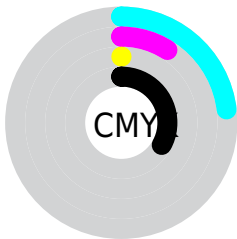
Distribution



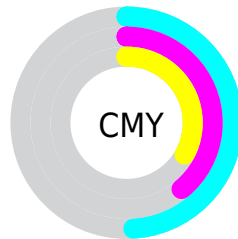
- Red (51%)
- Green (61%)
- Blue (67%)



- Red (51%)
- Yellow (57%)
- Blue (67%)



- Cyan (23%)
- Magenta (9%)
- Yellow (0%)
- Black (33%)





- Cyan (49%)
- Magenta (39%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 11.958, 243.647 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, 11.958, 243.647 by changing the saturation by 10% instead.


 63, 11.958,
243.647


 63, 11.958,
243.647


 100, 11.958,
243.647


 53, 11.958,
243.647


 83, 11.958,
243.647

 43, 11.958,
243.647

 93, 11.958,
243.647

 33, 11.958,
243.647

 23, 11.958,
243.647

 13, 11.958,
243.647

 3, 11.958, 243.647

 0, 11.958, 243.647

63, 11.958,
243.647

63, 11.958,
243.647

60, 16.723,
245.275

66, 6.964, 242.324

57, 21.217,
247.286

69, 1.788, 241.396

72, 3.530, 60.147

55, 25.404,
249.747

75, 8.953, 59.470

52, 29.266,
252.736

78, 14.450, 58.864

81, 19.995, 58.350

49, 32.817,
256.313

85, 25.566, 57.913

47, 36.115,
260.499

87, 27.085, 64.167

88, 27.819, 72.254

45, 39.269,
265.234

43, 41.395,

268.425

Harmonies

Complementary

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



63, 11.958, 243.647



62, 13.351, 58.691

Rectangle

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



63, 11.958, 243.647



63, 11.958, 293.647



63, 11.958, 63.647



63, 11.958, 113.647

Sweetspot

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



63, 11.957, 243.641



86, 4.546, 241.662



67, 20.705, 155.256



46, 2.975, 241.715



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



63, 11.957, 243.641



78, 17.512, 244.434



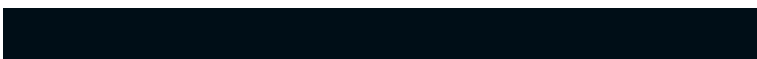
58, 19.796, 287.059



35, 2.998, 241.876



38, 37.377, 267.842



3, 6.707, 252.166

Inverse Universe

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



59, 20.877, 339.257



73, 30.922, 339.698



68, 19.077, 101.619



34, 5.063, 338.120



33, 59.835, 350.283



2, 9.911, 342.092

Previews

White Background



This preview shows how the CIELCh color 63, 11.958, 243.647 looks on a white background.

Color Contrast Check

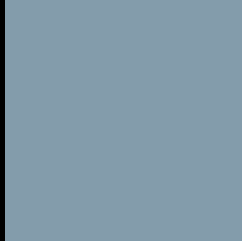
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 63, 11.958, 243.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

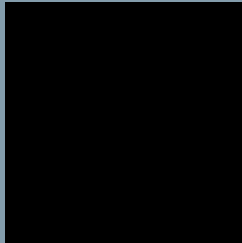
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 11.958, 243.647

Background



This preview shows how black text looks on a background with the CIELCh color 63, 11.958, 243.647.



This preview shows how white text looks on a background with the CIELCh color 63, 11.958, 243.647.

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](#).

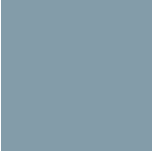
Dichromacy



Original Color
63, 11.958, 243.647

Protanopia
63, 9.521, 289.007

Deuteranopia
63, 14.453, 304.821



Tritanopia
63, 11.276, 239.184

Trichromacy



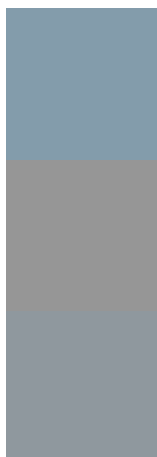
Original Color
63, 11.958, 243.647

Protanomaly
63, 9.572, 268.938

Deuteranomaly
63, 11.788, 286.175

Tritanomaly
63, 11.609, 241.479

Monochromacy



Original Color
63, 11.958, 243.647

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 4.704, 245.005

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 11.958, 243.647 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(131, 156, 171)` looks like.

```
.text, #text, p{  
    color:rgb(131, 156, 171)  
}
```

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(131, 156, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 156, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 11.958, 243.647 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(131, 156, 171) }
```

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

```
.border{ border-color:rgb(131, 156, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 156, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 156, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 156, 171);  
box-shadow:4px 4px 4px 4px rgb(131, 156,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 11.958, 243.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 156, 171) }
```

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

```
.background{ background-color: rgb(131,  
156, 171) }
```

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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