

Converting Colors

CIELCh(63, 12.743, 273.905)

Have a look what the booklet for
CIELCh(63, 12.743, 273.905)
contains.

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Color

CIELCh(63, 12.809, 273.754)

Conversions

Conversions Part 1

Format	Color
Hex	8E99AF
RGB	142, 153, 175
RGB Percent	56%, 60%, 69%
CMY	0.4435, 0.4003, 0.3141
CMYK	0.19, 0.13, 0.00, 0.31
HSL	220°, 17%, 62%
HSV	220°, 19%, 69%
XYZ	30.2448, 31.5869, 45.0119
YIQ	152.2190, -13.6180, 4.5100

Conversions

Conversions Part 2

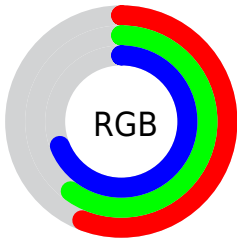
Format	Color
RYB	142, 150, 175
Decimal	9345455
CIELab	63.00, 0.84, -12.78
CIELCh	63, 12.809, 273.754
Yxy	31.5869, 0.2831, 0.2956
Android (android.graphics.Color)	4287535535 (0xFF8E99AF)
YUV	152.2190, 11.2310, -8.9621
Hunter-Lab	56.2022, -2.2956, -8.1433

Details

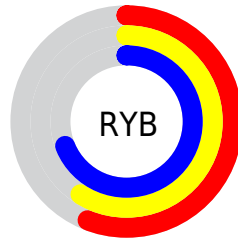
The CIELCh color $63, 12.809, 273.754$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 12.858, 88.757$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 13.146, 274.696$, and $43, 13.148, 273.995$ is the 20% darker color. If you saturate the color by 10%, you get $59, 19.749, 275.468$, and if you desaturate by 10%, it is $67, 5.976, 272.291$.

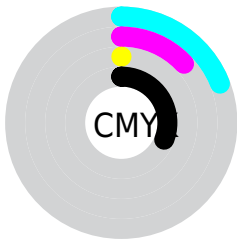
Distribution



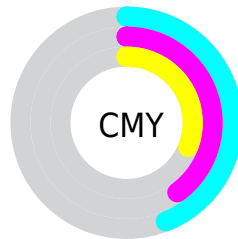
- Red (56%)
- Green (60%)
- Blue (69%)



- Red (56%)
- Yellow (59%)
- Blue (69%)



- Cyan (19%)
- Magenta (13%)
- Yellow (0%)
- Black (31%)



- Cyan (44%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 12.809, 273.754 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, 12.809, 273.754 by changing the saturation by 10% instead.

■ 63, 12.809,
273.754

■ 63, 12.809,
273.754

■ 100, 12.809,
273.754

■ 53, 12.809,
273.754

■ 83, 12.809,
273.754

■ 43, 12.809,
273.754

■ 93, 12.809,
273.754

■ 33, 12.809,
273.754

■ 23, 12.809,
273.754

■ 13, 12.809,
273.754

■ 3, 12.809, 273.754

■ 0, 12.809, 273.754

63, 12.809,
273.754

63, 12.809,
273.754

59, 19.749,
275.468

67, 5.976, 272.291

54, 26.806,
277.480

72, 0.750, 90.691

50, 33.994,
279.824

76, 7.370, 89.852

45, 41.339,
282.531

81, 13.882, 88.908

41, 48.873,
285.602

85, 20.284, 88.075

37, 56.616,
288.990

90, 26.577, 87.337

34, 64.539,
292.573

93, 31.556, 92.956

30, 72.508,

96, 36.194,
101.904

98, 40.142,
107.114

296.086

■ 30, 73.409,
296.449

Harmonies

Complementary

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



63, 12.809, 273.754



68, 12.858, 88.757

Rectangle

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



63, 12.809, 273.754



63, 12.809, 323.754



63, 12.809, 93.754



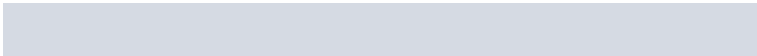
63, 12.809, 143.754

Sweetspot

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



63, 12.808, 273.750



87, 4.991, 271.937



69, 13.798, 170.859



46, 3.338, 272.016



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



63, 12.808, 273.750



78, 19.366, 274.495



60, 18.767, 297.624



34, 3.790, 272.348



25, 64.872, 295.996



2, 8.502, 275.730

Inverse Universe

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



62, 14.308, 355.523



76, 21.712, 356.054



70, 18.010, 114.671



34, 4.193, 354.489



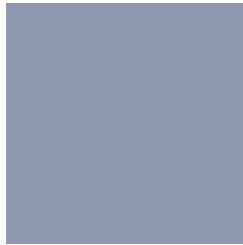
31, 58.074, 17.045



2, 8.428, 357.930

Previews

White Background



This preview shows how the CIELCh color 63, 12.809, 273.754 looks on a white background.

Color Contrast Check

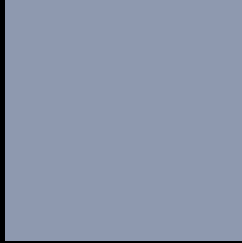
Large Text (above 18pt) WCAG AA × Fail

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, 12.809, 273.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

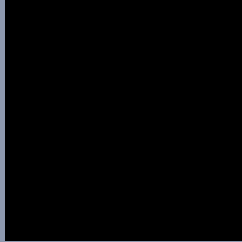
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

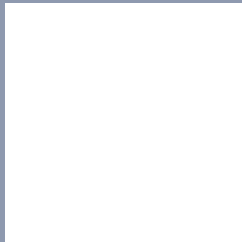
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 12.809, 273.754

Background



This preview shows how black text looks on a background with the CIELCh color 63, 12.809, 273.754.



This preview shows how white text looks on a background with the CIELCh color 63, 12.809, 273.754.

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

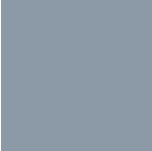
63, 12.809, 273.754

Protanopia

63, 12.883, 288.366

Deuteranopia

63, 16.017, 302.260



Tritanopia
63, 8.755, 255.577

Trichromacy



Original Color
63, 12.809, 273.754

Protanomaly
63, 12.447, 281.561

Deuteranomaly
63, 14.579, 293.159

Tritanomaly
63, 9.983, 263.215

Monochromacy



Original Color
63, 12.809, 273.754

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 4.698, 272.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 12.809, 273.754 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, 153, 175)` looks like.

```
.text, #text, p{  
    color:rgb(142, 153, 175)  
}
```

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, 153, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 153, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 12.809, 273.754 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, 153, 175) }
```

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

```
.border{ border-color:rgb(142, 153, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 153, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 153, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 153, 175);  
box-shadow:4px 4px 4px 4px rgb(142, 153,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 12.809, 273.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 153, 175) }
```

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

```
.background{ background-color: rgb(142,  
153, 175) }
```

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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