

Converting Colors

CIELCh(63, 16.788, 251.310)

Have a look what the booklet for
CIELCh(63, 16.788, 251.310)
contains.

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Color

CIELCh(63, 16.680, 249.573)

Conversions

Conversions Part 1

Format	Color
Hex	7C9DB4
RGB	124, 157, 180
RGB Percent	49%, 62%, 71%
CMY	0.5146, 0.3852, 0.2951
CMYK	0.31, 0.13, 0.00, 0.30
HSL	205°, 27%, 60%
HSV	205°, 31%, 70%
XYZ	28.5088, 31.5869, 47.6444
YIQ	149.7550, -27.0510, 0.1570

Conversions

Conversions Part 2

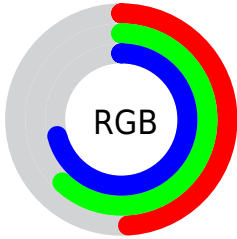
Format	Color
RYB	124, 145, 180
Decimal	8166836
CIELab	63.00, -5.82, -15.63
CIElCh	63, 16.680, 249.573
Yxy	31.5869, 0.2646, 0.2932
Android (android.graphics.Color)	4286356916 (0xFF7C9DB4)
YUV	149.7550, 14.9108, -22.5871
Hunter-Lab	56.2022, -7.8092, -10.9204

Details

The CIELCh color **63, 16.680, 249.573** is a light color, and the websafe version is hex **669999**. A complement of this color would be **63, 19.076, 61.976**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 16.622, 248.894**, and **43, 16.538, 248.756** is the 20% darker color. If you saturate the color by 10%, you get **60, 21.624, 251.620**, and if you desaturate by 10%, it is **66, 11.509, 247.886**.

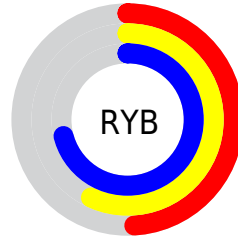
Distribution



Red (49%)

Green (62%)

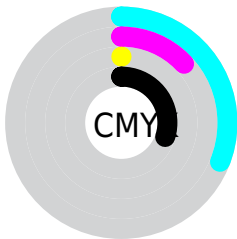
Blue (71%)



Red (49%)

Yellow (57%)

Blue (71%)

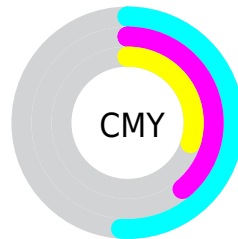


Cyan (31%)

Magenta (13%)

Yellow (0%)

Black (30%)



Cyan (51%)


Magenta (39%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 16.680, 249.573 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, 16.680, 249.573 by changing the saturation by 10% instead.


 63, 16.680,
249.573


 63, 16.680,
249.573


 100, 16.680,
249.573


 53, 16.680,
249.573


 83, 16.680,
249.573

 43, 16.680,
249.573

 93, 16.680,
249.573

 33, 16.680,
249.573

 23, 16.680,
249.573

 13, 16.680,
249.573

 3, 16.680, 249.573

 0, 16.680, 249.573

63, 16.680,
249.573

63, 16.680,
249.573

60, 21.624,
251.620

66, 11.509,
247.886

57, 26.312,
254.108

70, 6.151, 246.518

54, 30.730,
257.102

73, 0.645, 245.919

76, 4.973, 64.247

51, 34.893,
260.659

80, 10.669, 63.480

48, 38.861,
264.790

83, 16.417, 62.809

86, 22.194, 62.231

46, 42.735,
269.430

89, 24.412, 69.534

44, 46.231,
273.684

91, 25.786, 79.412

Harmonies

Complementary

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



63, 16.680, 249.573



63, 19.076, 61.976

Rectangle

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



63, 16.680, 249.573



63, 16.680, 299.573



63, 16.680, 69.573



63, 16.680, 119.573

Sweetspot

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



63, 16.679, 249.570



89, 6.182, 246.284



69, 27.904, 155.942



47, 4.284, 246.452



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



63, 16.679, 249.570



78, 24.310, 250.854



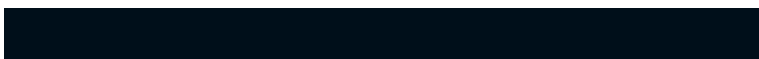
55, 28.933, 289.885



36, 3.115, 246.303



37, 40.625, 272.993



4, 8.157, 257.784

Inverse Universe

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



58, 28.316, 341.710



71, 41.694, 342.357



70, 27.287, 102.531



35, 5.057, 339.795



33, 59.562, 353.304



2, 11.219, 344.864

Previews

White Background



This preview shows how the CIELCh color 63, 16.680, 249.573 looks on a white background.

Color Contrast Check

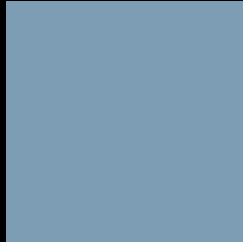
Large Text (above 18pt) WCAG AA × Fail

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, 16.680, 249.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

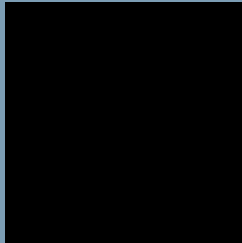
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

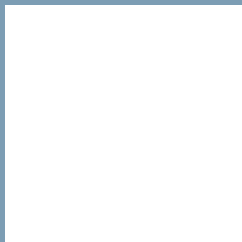
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 16.680, 249.573

Background



This preview shows how black text looks on a background with the CIELCh color 63, 16.680, 249.573.

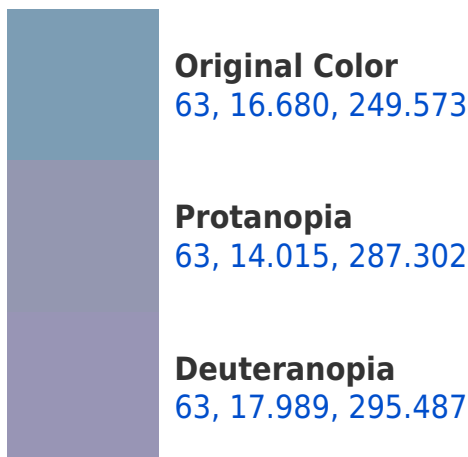


This preview shows how white text looks on a background with the CIELCh color 63, 16.680, 249.573.

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





Tritanopia
63, 14.181, 229.534

Trichromacy



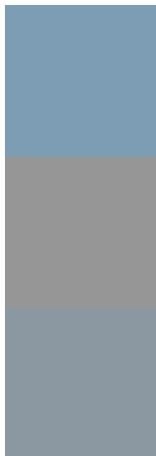
Original Color
63, 16.680, 249.573

Protanomaly
63, 14.163, 271.322

Deuteranomaly
63, 16.503, 279.728

Tritanomaly
63, 14.708, 236.278

Monochromacy



Original Color
63, 16.680, 249.573

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 6.628, 248.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 16.680, 249.573 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(124, 157, 180)` looks like.

```
.text, #text, p{  
    color:rgb(124, 157, 180)  
}
```

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(124, 157, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 157, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 16.680, 249.573 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(124, 157, 180) }
```

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

```
.border{ border-color:rgb(124, 157, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 157, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 157, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 157, 180);  
box-shadow:4px 4px 4px 4px rgb(124, 157,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 16.680, 249.573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 157, 180) }
```

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

```
.background{ background-color: rgb(124,  
157, 180) }
```

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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