

Converting Colors

CIELCh(63, 17.656, 258.175)

Have a look what the booklet for
CIELCh(63, 17.656, 258.175)
contains.

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Color

CIELCh(63, 17.656, 258.175)

Conversions

Conversions Part 1

Format	Color
Hex	7F9CB7
RGB	127, 156, 183
RGB Percent	50%, 61%, 72%
CMY	0.5030, 0.3893, 0.2834
CMYK	0.31, 0.15, 0.00, 0.28
HSL	209°, 28%, 61%
HSV	209°, 31%, 72%
XYZ	29.0756, 31.5869, 49.2147
YIQ	150.4070, -25.9510, 2.2490

Conversions

Conversions Part 2

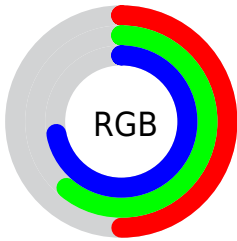
Format	Color
RYB	127, 146, 183
Decimal	8363191
CIELab	63.00, -3.62, -17.28
CIElCh	63, 17.656, 258.175
Yxy	31.5869, 0.2646, 0.2875
Android (android.graphics.Color)	4286553271 (0xFF7F9CB7)
YUV	150.4070, 16.0683, -20.5279
Hunter-Lab	56.2022, -6.0091, -12.5770

Details

The CIELCh color $63, 17.656, 258.175$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $65, 19.387, 69.766$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 17.770, 259.072$, and $43, 17.601, 258.023$ is the 20% darker color. If you saturate the color by 10%, you get $59, 23.191, 260.335$, and if you desaturate by 10%, it is $67, 11.993, 256.365$.

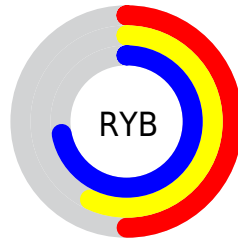
Distribution



Red (50%)

Green (61%)

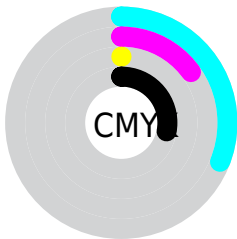
Blue (72%)



Red (50%)

Yellow (57%)

Blue (72%)

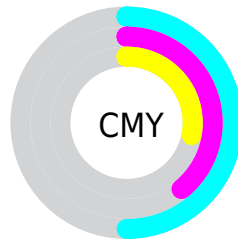


Cyan (31%)

Magenta (15%)

Yellow (0%)

Black (28%)



Cyan (50%)


Magenta (39%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 17.656, 258.175 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, 17.656, 258.175 by changing the saturation by 10% instead.


 63, 17.656,
258.175


 63, 17.656,
258.175


 100, 17.656,
258.175


 53, 17.656,
258.175


 83, 17.656,
258.175

 43, 17.656,
258.175

 93, 17.656,
258.175

 33, 17.656,
258.175

 23, 17.656,
258.175

 13, 17.656,
258.175

 3, 17.656, 258.175

 0, 17.656, 258.175

63, 17.656,
258.175

63, 17.656,
258.175

59, 23.191,
260.335

67, 11.993,
256.365

56, 28.584,
262.913

70, 6.226, 254.866

52, 33.839,
265.962

74, 0.383, 254.455

78, 5.512, 72.366

49, 38.984,
269.514

82, 11.435, 71.467

46, 44.082,
273.554

85, 17.367, 70.676

89, 23.291, 69.985

43, 49.225,
277.990

91, 25.156, 81.819

40, 54.191,
282.210

93, 27.891, 91.846

Harmonies

Complementary

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



63, 17.656, 258.175



65, 19.387, 69.766

Rectangle

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



63, 17.656, 258.175



63, 17.656, 308.175



63, 17.656, 78.175



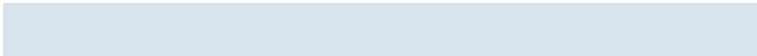
63, 17.656, 128.175

Sweetspot

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



63, 17.655, 258.172



90, 6.516, 254.670



70, 26.403, 159.135



47, 4.560, 254.861



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



63, 17.655, 258.172



77, 26.176, 259.640



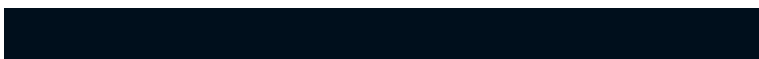
56, 31.055, 292.645



37, 3.331, 254.695



34, 47.540, 281.583



4, 10.043, 265.864

Inverse Universe

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



59, 26.986, 345.466



72, 40.269, 346.251



73, 28.987, 105.796



36, 4.928, 343.410



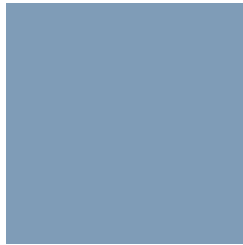
33, 58.865, 359.714



3, 12.335, 349.758

Previews

White Background



This preview shows how the CIELCh color 63, 17.656, 258.175 looks on a white background.

Color Contrast Check

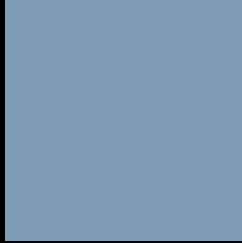
Large Text (above 18pt) WCAG AA × Fail

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, 17.656, 258.175 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

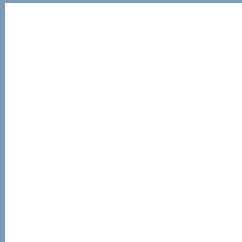
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 17.656, 258.175

Background



This preview shows how black text looks on a background with the CIELCh color 63, 17.656, 258.175.

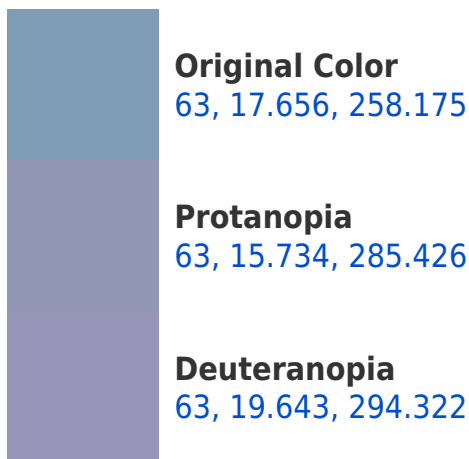


This preview shows how white text looks on a background with the CIELCh color 63, 17.656, 258.175.

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, 13.401, 228.759

Trichromacy



Original Color
63, 17.656, 258.175

Protanomaly
63, 15.729, 273.762

Deuteranomaly
63, 18.653, 282.575

Tritanomaly
63, 14.630, 242.461

Monochromacy



Original Color
63, 17.656, 258.175

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 6.636, 257.077

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 17.656, 258.175 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(127, 156, 183)` looks like.

```
.text, #text, p{  
    color:rgb(127, 156, 183)  
}
```

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(127, 156, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 156, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 17.656, 258.175 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(127, 156, 183) }
```

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

```
.border{ border-color:rgb(127, 156, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 156, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 156, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 156, 183); box-shadow:4px 4px 4px 4px rgb(127, 156, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 17.656, 258.175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 156, 183) }
```

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

```
.background{ background-color: rgb(127,  
156, 183) }
```

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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