

Converting Colors

CIELCh(63, 8.630, 169.825)

Have a look what the booklet for
CIELCh(63, 8.630, 169.825) contains.

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Color

CIELCh(63, 8.864, 168.328)

Conversions

Conversions Part 1

Format	Color
Hex	899D95
RGB	137, 157, 149
RGB Percent	54%, 62%, 58%
CMY	0.4629, 0.3844, 0.4158
CMYK	0.13, 0.00, 0.05, 0.38
HSL	156°, 9%, 58%
HSV	156°, 13%, 62%
XYZ	27.7844, 31.5869, 33.0522
YIQ	150.1080, -9.3520, -6.7280

Conversions

Conversions Part 2

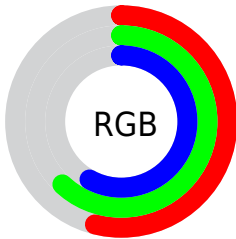
Format	Color
RYB	137, 150, 157
Decimal	9018773
CIELab	63.00, -8.68, 1.79
CIELCh	63, 8.864, 168.328
Yxy	31.5869, 0.3006, 0.3418
Android (android.graphics.Color)	4287208853 (0xFF899D95)
YUV	150.1080, -0.5462, -11.4957
Hunter-Lab	56.2022, -10.1099, 4.4735

Details

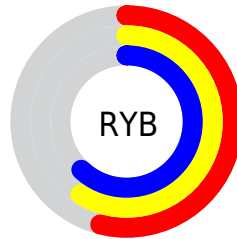
The CIELCh color $63, 8.864, 168.328$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 9.086, 350.523$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 9.285, 167.981$, and $43, 9.156, 166.626$ is the 20% darker color. If you saturate the color by 10%, you get $62, 15.730, 167.330$, and if you desaturate by 10%, it is $64, 1.909, 169.370$.

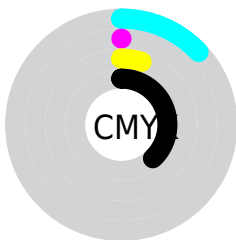
Distribution



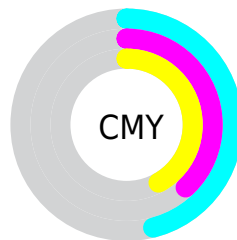
- Red (54%)
- Green (62%)
- Blue (58%)



- Red (54%)
- Yellow (59%)
- Blue (62%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (38%)



- Cyan (46%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 8.864, 168.328 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, 8.864, 168.328 by changing the saturation by 10% instead.

63, 8.864, 168.328

63, 8.864, 168.328

100, 8.864,
168.328

53, 8.864, 168.328

83, 8.864, 168.328

43, 8.864, 168.328

93, 8.864, 168.328

33, 8.864, 168.328

23, 8.864, 168.328

13, 8.864, 168.328

3, 8.864, 168.328

0, 8.864, 168.328

63, 8.864, 168.328

63, 8.864, 168.328

62, 15.730,

64, 1.909, 169.370

167.330

66, 5.062, 349.929

61, 22.407,
166.251

67, 11.985,
350.741

60, 28.791,
165.059

69, 18.813,
351.473

59, 34.769,
163.730

71, 25.513,
352.158

58, 40.233,
162.240

73, 32.061,
352.803

58, 45.096,
160.566

75, 38.446,
353.415

57, 49.308,
158.692

76, 42.313,
351.726

57, 52.869,
156.616

76, 43.772,
347.788

57, 55.201,
155.084

Harmonies

Complementary

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



63, 8.864, 168.328



59, 9.086, 350.523

Rectangle

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



63, 8.864, 168.328



63, 8.864, 218.328



63, 8.864, 348.328



63, 8.864, 38.328

Sweetspot

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



63, 8.865, 168.324



81, 3.448, 169.191



63, 12.068, 131.401



43, 2.445, 169.110



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



63, 8.865, 168.324



80, 12.905, 168.077



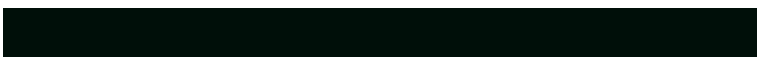
63, 6.837, 206.732



33, 3.961, 168.660



52, 51.318, 155.287



3, 5.310, 167.553

Inverse Universe

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



59, 9.086, 350.523



74, 13.289, 350.781



59, 7.419, 27.328



31, 4.034, 350.175



30, 54.969, 10.480



1, 5.138, 350.692

Previews

White Background



This preview shows how the CIELCh color 63, 8.864, 168.328 looks on a white background.

Color Contrast Check

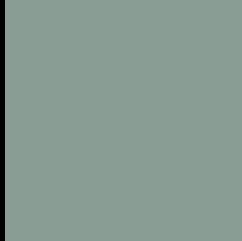
Large Text (above 18pt) WCAG AA × Fail

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, 8.864, 168.328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

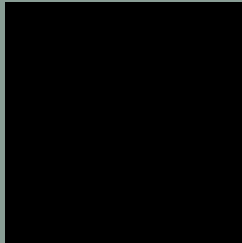
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

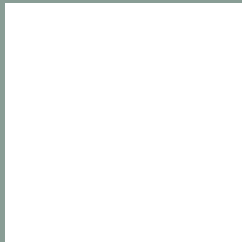
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 8.864, 168.328

Background



This preview shows how black text looks on a background with the CIELCh color 63, 8.864, 168.328.

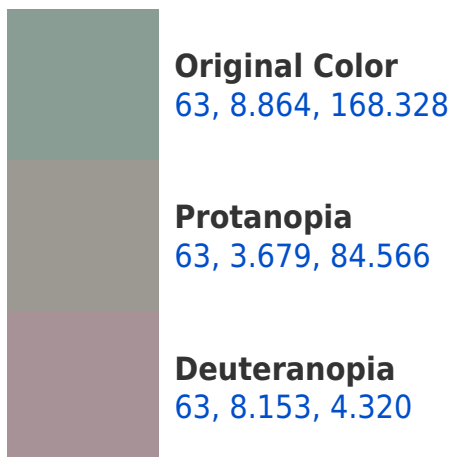


This preview shows how white text looks on a background with the CIELCh color 63, 8.864, 168.328.

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, 8.755, 255.577

Trichromacy



Original Color
63, 8.864, 168.328

Protanomaly
63, 4.374, 136.033

Deuteranomaly
63, 2.013, 35.438

Tritanomaly
63, 6.468, 224.686

Monochromacy



Original Color
63, 8.864, 168.328

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 3.509, 170.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 8.864, 168.328 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(137, 157, 149)` looks like.

```
.text, #text, p{  
    color:rgb(137, 157, 149)  
}
```

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(137, 157, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 157, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 8.864, 168.328 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(137, 157, 149) }
```

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

```
.border{ border-color:rgb(137, 157, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 157, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 157, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 157, 149);  
box-shadow:4px 4px 4px 4px rgb(137, 157,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 8.864, 168.328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 157, 149) }
```

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

```
.background{ background-color: rgb(137,  
157, 149) }
```

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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