

Converting Colors

CIELCh(63, 13.639, 161.578)

Have a look what the booklet for
CIELCh(63, 13.639, 161.578)
contains.

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Color

CIELCh(63, 13.938, 161.219)

Conversions

Conversions Part 1

Format	Color
Hex	829F90
RGB	130, 159, 144
RGB Percent	51%, 62%, 56%
CMY	0.4899, 0.3762, 0.4350
CMYK	0.18, 0.00, 0.09, 0.38
HSL	149°, 13%, 57%
HSV	149°, 18%, 62%
XYZ	26.6656, 31.5869, 31.1043
YIQ	148.6190, -12.4690, -10.8130

Conversions

Conversions Part 2

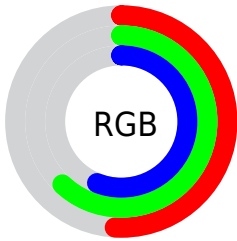
Format	Color
RYB	130, 150, 159
Decimal	8560528
CIELab	63.00, -13.20, 4.49
CIELCh	63, 13.938, 161.219
Yxy	31.5869, 0.2984, 0.3535
Android (android.graphics.Color)	4286750608 (0xFF829F90)
YUV	148.6190, -2.2772, -16.3289
Hunter-Lab	56.2022, -13.6632, 6.5284

Details

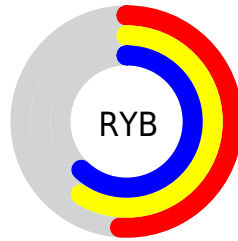
The CIELCh color $63, 13.938, 161.219$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $57, 14.230, 344.238$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 14.094, 161.595$, and $43, 14.208, 161.457$ is the 20% darker color. If you saturate the color by 10%, you get $62, 21.495, 160.228$, and if you desaturate by 10%, it is $64, 6.293, 162.125$.

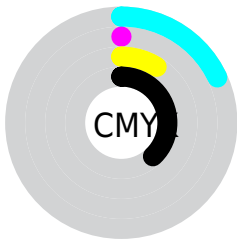
Distribution



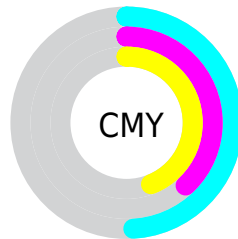
- Red (51%)
- Green (62%)
- Blue (56%)



- Red (51%)
- Yellow (59%)
- Blue (62%)



- Cyan (18%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)





- Cyan (49%)
- Magenta (38%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 13.938, 161.219 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, 13.938, 161.219 by changing the saturation by 10% instead.


 63, 13.938,
161.219


 63, 13.938,
161.219


 100, 13.938,
161.219


 53, 13.938,
161.219


 83, 13.938,
161.219

 43, 13.938,
161.219

 93, 13.938,
161.219

 33, 13.938,
161.219

 23, 13.938,
161.219

 13, 13.938,
161.219

 3, 13.938, 161.219

 0, 13.938, 161.219

■ 63, 13.938,
161.219

■ 63, 13.938,
161.219

■ 62, 21.495,
160.228

■ 64, 6.293, 162.125

■ 61, 28.853,
159.123

■ 66, 1.354, 342.616

■ 67, 8.929, 343.549

■ 60, 35.890,
157.877

■ 69, 16.379,
344.229

■ 59, 42.480,
156.466

■ 71, 23.667,
344.847

■ 58, 48.508,
154.867

■ 73, 30.769,
345.419

■ 58, 53.883,
153.068

■ 75, 37.669,
345.953


■ 58, 58.561,
151.065

■ 77, 43.717,
345.668

■ 57, 62.621,

148.933

 77, 46.099,
341.099

 57, 63.317,
148.576

Harmonies

Complementary

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



63, 13.938, 161.219



57, 14.230, 344.238

Rectangle

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



63, 13.938, 161.219



63, 13.938, 211.219



63, 13.938, 341.219



63, 13.938, 31.219

Sweetspot

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



63, 13.939, 161.217



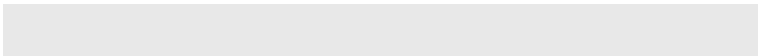
82, 4.722, 162.415



64, 16.974, 127.069



44, 3.248, 162.352



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



63, 13.939, 161.217



79, 20.781, 160.816



63, 10.614, 195.564



33, 4.301, 162.034



52, 58.230, 148.806



3, 5.732, 161.453

Inverse Universe

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



57, 14.230, 344.238



71, 21.311, 344.635



57, 11.837, 18.000



31, 4.351, 343.427



30, 55.334, 359.449



1, 5.530, 344.154

Previews

White Background



This preview shows how the CIELCh color 63, 13.938, 161.219 looks on a white background.

Color Contrast Check

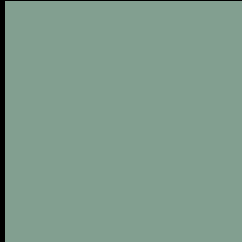
Large Text (above 18pt) WCAG AA × Fail

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, 13.938, 161.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

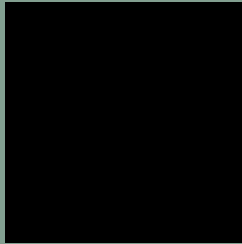
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

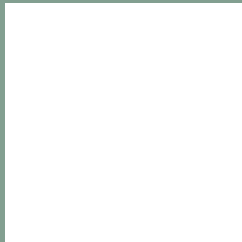
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 13.938, 161.219

Background



This preview shows how black text looks on a background with the CIELCh color 63, 13.938, 161.219.

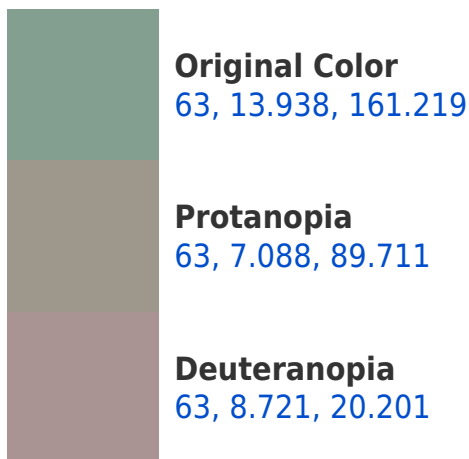


This preview shows how white text looks on a background with the CIELCh color 63, 13.938, 161.219.

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, 10.179, 240.322

Trichromacy



Original Color
63, 13.938, 161.219

Protanomaly
63, 8.287, 128.691

Deuteranomaly
63, 3.185, 80.393

Tritanomaly
63, 8.826, 205.991

Monochromacy



Original Color
63, 13.938, 161.219

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 5.432, 160.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 13.938, 161.219 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(130, 159, 144)` looks like.

```
.text, #text, p{  
    color:rgb(130, 159, 144)  
}
```

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(130, 159, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 159, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 13.938, 161.219 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(130, 159, 144) }
```

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

```
.border{ border-color:rgb(130, 159, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 159, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 159, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 159, 144);  
box-shadow:4px 4px 4px 4px rgb(130, 159,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 13.938, 161.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 159, 144) }
```

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

```
.background{ background-color: rgb(130,  
159, 144) }
```

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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