

Converting Colors

CIELCh(63, 13.850, 168.803)

Have a look what the booklet for
CIELCh(63, 13.850, 168.803)
contains.

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Color

CIELCh(63, 13.845, 169.145)

Conversions

Conversions Part 1

Format	Color
Hex	7F9F93
RGB	127, 159, 147
RGB Percent	50%, 62%, 58%
CMY	0.5005, 0.3750, 0.4221
CMYK	0.20, 0.00, 0.08, 0.37
HSL	157°, 14%, 56%
HSV	157°, 20%, 63%
XYZ	26.5676, 31.5869, 32.4553
YIQ	148.0640, -15.2200, -10.5160

Conversions

Conversions Part 2

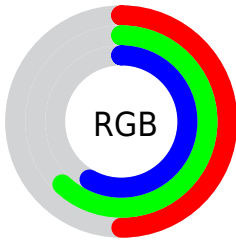
Format	Color
RYB	127, 147, 159
Decimal	8363923
CIELab	63.00, -13.60, 2.61
CIElCh	63, 13.845, 169.145
Yxy	31.5869, 0.2932, 0.3486
Android (android.graphics.Color)	4286554003 (0xFF7F9F93)
YUV	148.0640, -0.5246, -18.4731
Hunter-Lab	56.2022, -13.9744, 5.1032

Details

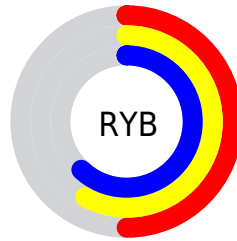
The CIELCh color $63, 13.845, 169.145$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $57, 14.451, 352.883$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 14.030, 169.075$, and $43, 14.066, 169.642$ is the 20% darker color. If you saturate the color by 10%, you get $62, 20.523, 168.083$, and if you desaturate by 10%, it is $64, 6.993, 170.130$.

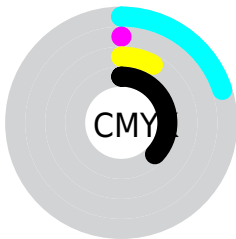
Distribution



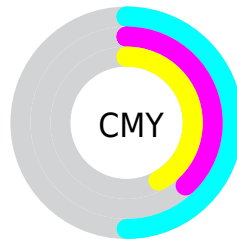
- Red (50%)
- Green (62%)
- Blue (58%)



- Red (50%)
- Yellow (58%)
- Blue (62%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (37%)





- Cyan (50%)
- Magenta (38%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 13.845, 169.145 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, 13.845, 169.145 by changing the saturation by 10% instead.


 63, 13.845,
169.145


 63, 13.845,
169.145


 100, 13.845,
169.145


 53, 13.845,
169.145


 83, 13.845,
169.145

 43, 13.845,
169.145

 93, 13.845,
169.145

 33, 13.845,
169.145

 23, 13.845,
169.145

 13, 13.845,
169.145

 3, 13.845, 169.145

 0, 13.845, 169.145

■ 63, 13.845,
169.145

■ 63, 13.845,
169.145

■ 62, 20.523,
168.083

■ 64, 6.993, 170.130

■ 61, 26.919,
166.921

■ 66, 0.056, 177.844

■ 67, 6.892, 351.731

■ 60, 32.923,
165.632

■ 69, 13.789,
352.530

■ 59, 38.425,
164.193

■ 70, 20.591,
353.266

■ 59, 43.333,
162.579

■ 72, 27.266,
353.957

■ 58, 47.586,
160.772


■ 74, 33.794,
354.613

■ 58, 51.175,
158.762

■ 76, 40.161,
355.237

■ 58, 54.248,

156.666

 76, 41.401,
351.193

Harmonies

Complementary

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



63, 13.845, 169.145



57, 14.451, 352.883

Rectangle

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



63, 13.845, 169.145



63, 13.845, 219.145



63, 13.845, 349.145



63, 13.845, 39.145

Sweetspot

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



63, 13.846, 169.142



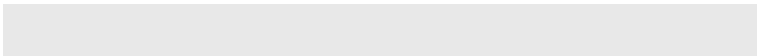
82, 5.142, 170.526



63, 19.458, 132.175



44, 3.438, 170.464



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, 13.846, 169.142



79, 20.352, 168.691



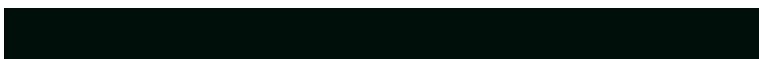
62, 10.379, 210.252



33, 3.895, 170.213



52, 49.849, 156.899



3, 5.229, 168.975

Inverse Universe

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



57, 14.451, 352.883



70, 21.444, 353.381



57, 11.864, 30.779



31, 3.975, 351.747



30, 55.205, 12.852



1, 5.064, 352.209

Previews

White Background



This preview shows how the CIELCh color 63, 13.845, 169.145 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, 13.845, 169.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

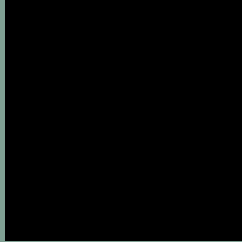
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

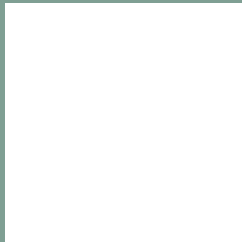
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 13.845, 169.145

Background



This preview shows how black text looks on a background with the CIELCh color 63, 13.845, 169.145.

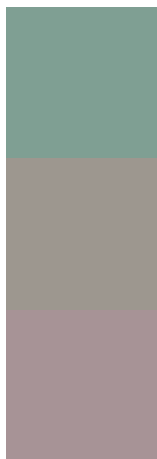


This preview shows how white text looks on a background with the CIELCh color 63, 13.845, 169.145.

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, 13.845, 169.145

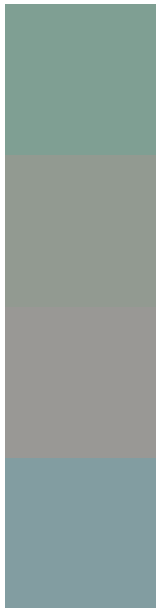
Protanopia
63, 5.039, 81.586

Deuteranopia
63, 8.035, 8.160



Tritanopia
63, 11.276, 239.184

Trichromacy



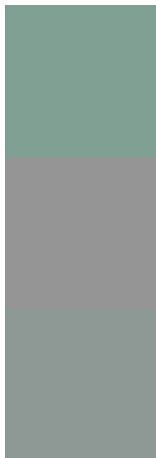
Original Color
63, 13.845, 169.145

Protanomaly
63, 5.933, 141.150

Deuteranomaly
63, 1.708, 96.846

Tritanomaly
63, 9.961, 211.653

Monochromacy



Original Color
63, 13.845, 169.145

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 5.131, 173.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 13.845, 169.145 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, 159, 147)` looks like.

```
.text, #text, p{  
    color:rgb(127, 159, 147)  
}
```

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, 159, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 159, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 13.845, 169.145 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, 159, 147) }
```

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

```
.border{ border-color:rgb(127, 159, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 159, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 159, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 159, 147);  
box-shadow:4px 4px 4px 4px rgb(127, 159,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 13.845, 169.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 159, 147) }
```

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

```
.background{ background-color: rgb(127,  
159, 147) }
```

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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