

Converting Colors

CIELCh(63, 17.263, 145.805)

Have a look what the booklet for
CIELCh(63, 17.263, 145.805)
contains.

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Color

CIELCh(63, 17.097, 146.540)

Conversions

Conversions Part 1

Format	Color
Hex	849F87
RGB	132, 159, 135
RGB Percent	52%, 62%, 53%
CMY	0.4812, 0.3753, 0.4694
CMYK	0.17, 0.00, 0.15, 0.38
HSL	127°, 12%, 57%
HSV	127°, 17%, 62%
XYZ	26.4055, 31.5869, 27.7349
YIQ	148.1910, -8.3880, -13.1880

Conversions

Conversions Part 2

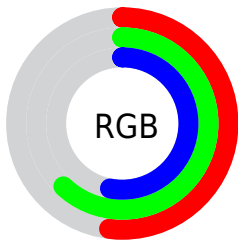
Format	Color
RYB	132, 156, 159
Decimal	8691591
CIELab	63.00, -14.26, 9.43
CIElCh	63, 17.097, 146.540
Yxy	31.5869, 0.3080, 0.3685
Android (android.graphics.Color)	4286881671 (0xFF849F87)
YUV	148.1910, -6.5032, -14.1995
Hunter-Lab	56.2022, -14.4892, 10.0829

Details

The CIELCh color $63, 17.097, 146.540$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $58, 17.131, 328.566$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 17.448, 146.535$, and $43, 17.625, 146.193$ is the 20% darker color. If you saturate the color by 10%, you get $62, 27.220, 145.750$, and if you desaturate by 10%, it is $64, 6.974, 147.233$.

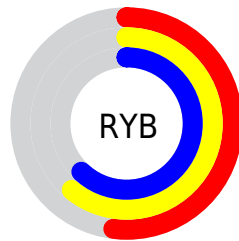
Distribution



Red (52%)

Green (62%)

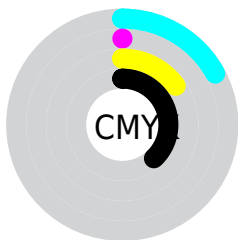
Blue (53%)



Red (52%)

Yellow (61%)

Blue (62%)

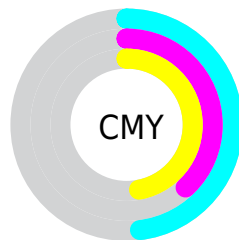


Cyan (17%)

Magenta (0%)

Yellow (15%)

Black (38%)



Cyan (48%)


Magenta (38%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 17.097, 146.540 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, 17.097, 146.540 by changing the saturation by 10% instead.


 63, 17.097,
146.540


 63, 17.097,
146.540


 100, 17.097,
146.540


 53, 17.097,
146.540


 83, 17.097,
146.540

 43, 17.097,
146.540

 93, 17.097,
146.540

 33, 17.097,
146.540

 23, 17.097,
146.540

 13, 17.097,
146.540

 3, 17.097, 146.540

 0, 17.097, 146.540

■ 63, 17.097,
146.540

■ 63, 17.097,
146.540

■ 62, 27.220,
145.750

■ 64, 6.974, 147.233

■ 61, 37.185,
144.837

■ 66, 3.037, 327.697

■ 60, 46.803,
143.789

■ 68, 12.854,
328.253

■ 59, 55.844,
142.605

■ 70, 22.419,
328.688

■ 58, 64.050,
141.306

■ 72, 31.700,
329.061

■ 58, 71.144,
139.942

■ 74, 40.680,
329.384


■ 57, 76.847,
138.602


■ 76, 49.355,
329.666

■ 57, 80.950,

■ 78, 56.940,
328.436

137.431

 78, 59.553,
326.471

 57, 81.920,
137.180

Harmonies

Complementary

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



63, 17.097, 146.540



58, 17.131, 328.566

Rectangle

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



63, 17.097, 146.540



63, 17.097, 196.540



63, 17.097, 326.540



63, 17.097, 16.540

Sweetspot

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



63, 17.099, 146.540



82, 6.184, 147.360



65, 14.953, 112.757



44, 4.255, 147.315



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, 17.099, 146.540



79, 24.943, 146.282



63, 11.916, 167.915



33, 5.644, 147.080



51, 75.407, 137.296



3, 7.387, 147.437

Inverse Universe

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



58, 17.131, 328.566



73, 24.989, 328.768



58, 12.309, 350.960



31, 5.656, 328.109



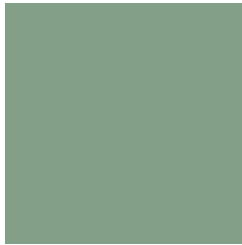
33, 68.910, 333.098



1, 7.243, 328.308

Previews

White Background



This preview shows how the CIE LCh color 63, 17.097, 146.540 looks on a white background.

Color Contrast Check

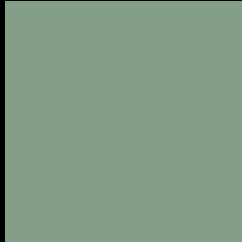
Large Text (above 18pt) WCAG AA × Fail

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, 17.097, 146.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

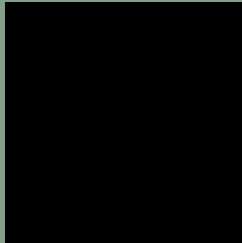
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 17.097, 146.540

Background



This preview shows how black text looks on a background with the CIELCh color 63, 17.097, 146.540.

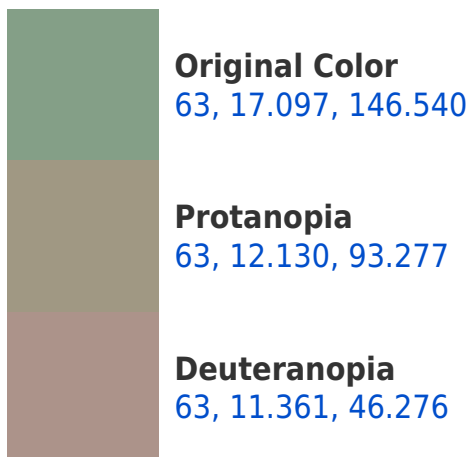


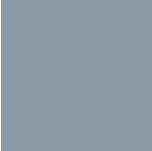
This preview shows how white text looks on a background with the CIELCh color 63, 17.097, 146.540.

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, 8.966, 247.711

Trichromacy



Original Color
63, 17.097, 146.540

Protanomaly
63, 12.397, 118.145

Deuteranomaly
63, 8.287, 89.478

Tritanomaly
63, 7.917, 190.595

Monochromacy



Original Color
63, 17.097, 146.540

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 6.396, 146.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 17.097, 146.540 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(132, 159, 135)` looks like.

```
.text, #text, p{  
    color:rgb(132, 159, 135)  
}
```

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(132, 159, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 159, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 17.097, 146.540 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(132, 159, 135) }
```

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

```
.border{ border-color:rgb(132, 159, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 159, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 159, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 159, 135);  
box-shadow:4px 4px 4px 4px rgb(132, 159,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 17.097, 146.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 159, 135) }
```

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

```
.background{ background-color: rgb(132,  
159, 135) }
```

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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