

Converting Colors

CIELCh(63, 19.552, 149.458)

Have a look what the booklet for
CIELCh(63, 19.552, 149.458)
contains.

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Color

CIELCh(63, 20.083, 149.274)

Conversions

Conversions Part 1

Format	Color
Hex	7FA186
RGB	127, 161, 134
RGB Percent	50%, 63%, 53%
CMY	0.5031, 0.3698, 0.4757
CMYK	0.21, 0.00, 0.17, 0.37
HSL	132°, 15%, 56%
HSV	132°, 21%, 63%
XYZ	25.6837, 31.5869, 27.1908
YIQ	147.7560, -11.5970, -15.6050

Conversions

Conversions Part 2

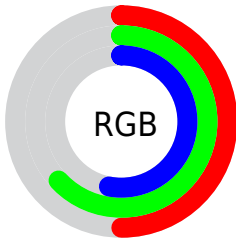
Format	Color
RYB	127, 155, 161
Decimal	8364422
CIELab	63.00, -17.26, 10.26
CIELCh	63, 20.083, 149.274
Yxy	31.5869, 0.3041, 0.3740
Android (android.graphics.Color)	4286554502 (0xFF7FA186)
YUV	147.7560, -6.7817, -18.2030
Hunter-Lab	56.2022, -16.7816, 10.6569

Details

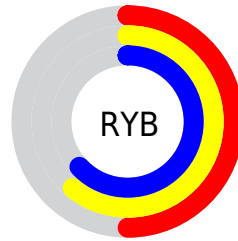
The CIELCh color $63, 20.083, 149.274$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $57, 20.170, 332.047$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 20.283, 149.209$, and $43, 20.088, 149.101$ is the 20% darker color. If you saturate the color by 10%, you get $62, 29.555, 148.397$, and if you desaturate by 10%, it is $64, 10.553, 150.040$.

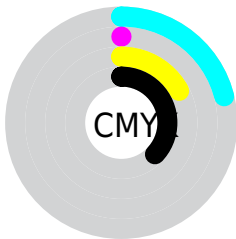
Distribution



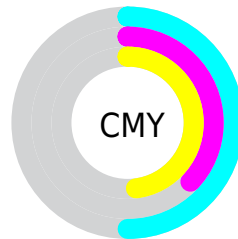
- Red (50%)
- Green (63%)
- Blue (53%)



- Red (50%)
- Yellow (61%)
- Blue (63%)



- Cyan (21%)
- Magenta (0%)
- Yellow (17%)
- Black (37%)





- Cyan (50%)
- Magenta (37%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 20.083, 149.274 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, 20.083, 149.274 by changing the saturation by 10% instead.


 63, 20.083,
149.274


 63, 20.083,
149.274


 100, 20.083,
149.274


 53, 20.083,
149.274


 83, 20.083,
149.274

 43, 20.083,
149.274

 93, 20.083,
149.274

 33, 20.083,
149.274

 23, 20.083,
149.274

 13, 20.083,
149.274

 3, 20.083, 149.274

 0, 20.083, 149.274

■ 63, 20.083,
149.274

■ 63, 20.083,
149.274

■ 62, 29.555,
148.397

■ 64, 10.553,
150.040

■ 61, 38.815,
147.386

■ 66, 1.077, 150.912

■ 68, 8.253, 331.202

■ 60, 47.688,
146.224

■ 69, 17.375,
331.715

■ 59, 55.979,
144.904

■ 71, 26.250,
332.155

■ 58, 63.483,
143.433

■ 73, 34.853,
332.542

■ 58, 70.007,
141.843

■ 76, 43.174,
332.886

■ 58, 75.381,
140.200

■ 78, 51.159,
333.102

■ 58, 79.176,

138.875

 78, 56.092,
328.447

Harmonies

Complementary

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



63, 20.083, 149.274



57, 20.170, 332.047

Rectangle

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



63, 20.083, 149.274



63, 20.083, 199.274



63, 20.083, 329.274



63, 20.083, 19.274

Sweetspot

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



63, 20.084, 149.274



83, 7.010, 150.401



65, 18.928, 116.577



43, 4.643, 150.358



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, 20.084, 149.274



79, 29.418, 148.910



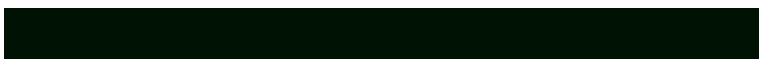
63, 13.933, 174.003



34, 5.414, 150.174



52, 73.299, 139.026



4, 8.519, 150.066

Inverse Universe

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



57, 20.170, 332.047



71, 29.552, 332.332



57, 14.797, 358.072



32, 5.432, 331.274



32, 64.998, 338.283



1, 8.111, 332.517

Previews

White Background



This preview shows how the CIELCh color 63, 20.083, 149.274 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, 20.083, 149.274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

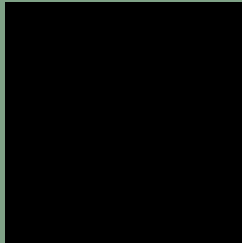
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 20.083, 149.274

Background



This preview shows how black text looks on a background with the CIELCh color 63, 20.083, 149.274.

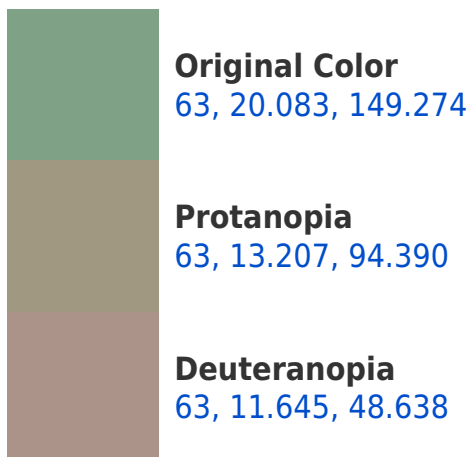


This preview shows how white text looks on a background with the CIELCh color 63, 20.083, 149.274.

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, 10.437, 239.070

Trichromacy



Original Color
63, 20.083, 149.274

Protanomaly
63, 13.644, 120.610

Deuteranomaly
63, 9.049, 98.963

Tritanomaly
63, 10.020, 192.107

Monochromacy



Original Color
63, 20.083, 149.274

Achromatopsia
61, 0.008, 296.813

Achromatomaly
62, 7.328, 148.941

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 20.083, 149.274 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, 161, 134)` looks like.

```
.text, #text, p{  
    color:rgb(127, 161, 134)  
}
```

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, 161, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 161, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 20.083, 149.274 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, 161, 134) }
```

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

```
.border{ border-color:rgb(127, 161, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 161, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 161, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 161, 134);  
box-shadow:4px 4px 4px 4px rgb(127, 161,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 20.083, 149.274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 161, 134) }
```

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

```
.background{ background-color: rgb(127,  
161, 134) }
```

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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