

Converting Colors

CIELCh(63, 18.606, 126.376)

Have a look what the booklet for
CIELCh(63, 18.606, 126.376)
contains.

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Color

CIELCh(63, 18.122, 126.450)

Conversions

Conversions Part 1

Format	Color
Hex	8F9D7E
RGB	143, 157, 126
RGB Percent	56%, 62%, 49%
CMY	0.4381, 0.3832, 0.5048
CMYK	0.09, 0.00, 0.20, 0.38
HSL	87°, 14%, 56%
HSV	87°, 20%, 62%
XYZ	27.2637, 31.5869, 24.4902
YIQ	149.2800, 1.6070, -12.6090

Conversions

Conversions Part 2

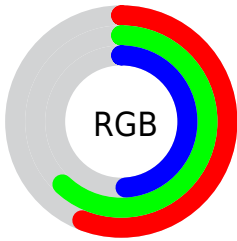
Format	Color
RYB	126, 157, 140
Decimal	9411966
CIELab	63.00, -10.77, 14.58
CIELCh	63, 18.122, 126.450
Yxy	31.5869, 0.3271, 0.3790
Android (android.graphics.Color)	4287602046 (0xFF8F9D7E)
YUV	149.2800, -11.4770, -5.5076
Hunter-Lab	56.2022, -11.7635, 13.5059

Details

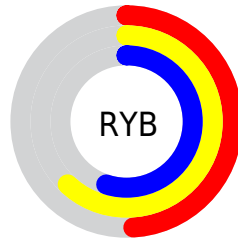
The CIELCh color $63, 18.122, 126.450$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $55, 18.660, 308.315$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 18.260, 126.743$, and $43, 18.310, 127.263$ is the 20% darker color. If you saturate the color by 10%, you get $62, 27.251, 125.964$, and if you desaturate by 10%, it is $64, 8.928, 126.932$.

Distribution



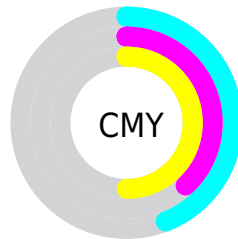
- Red (56%)
- Green (62%)
- Blue (49%)



- Red (49%)
- Yellow (62%)
- Blue (55%)



- Cyan (9%)
- Magenta (0%)
- Yellow (20%)
- Black (38%)





- Cyan (44%)
- Magenta (38%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 18.122, 126.450 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, 18.122, 126.450 by changing the saturation by 10% instead.


 63, 18.122,
126.450


 63, 18.122,
126.450


 100, 18.122,
126.450


 53, 18.122,
126.450


 83, 18.122,
126.450

 43, 18.122,
126.450

 93, 18.122,
126.450

 33, 18.122,
126.450

 23, 18.122,
126.450

 13, 18.122,
126.450

 3, 18.122, 126.450

 0, 18.122, 126.450

63, 18.122,
126.450

63, 18.122,
126.450

62, 27.251,
125.964

64, 8.928, 126.932

61, 36.215,
125.486

65, 0.267, 307.054

66, 9.415, 307.785

61, 44.875,
125.052

67, 18.480,
308.176

60, 53.030,
124.718

68, 27.438,
308.531

60, 60.396,
124.564

69, 36.272,
308.852

59, 66.611,
124.698

71, 44.970,
309.141

59, 71.301,
125.240

72, 53.523,
309.401

58, 74.607,

126.126

■ 73, 55.480,
311.355

■ 58, 74.698,
126.149

Harmonies

Complementary

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



63, 18.122, 126.450



55, 18.660, 308.315

Rectangle

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



63, 18.122, 126.450



63, 18.122, 176.450



63, 18.122, 306.450



63, 18.122, 356.450

Sweetspot

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



63, 18.124, 126.452



81, 6.806, 127.104



59, 10.580, 67.583



43, 4.505, 127.075



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, 18.124, 126.452



79, 27.244, 126.221



62, 20.922, 141.958



33, 5.216, 126.954



53, 69.516, 126.012



4, 6.877, 128.363

Inverse Universe

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



55, 18.660, 308.315



67, 28.258, 308.573



57, 20.975, 324.083



31, 5.293, 307.778



20, 81.681, 311.084



1, 6.806, 306.525

Previews

White Background



This preview shows how the CIELCh color 63, 18.122, 126.450 looks on a white background.

Color Contrast Check

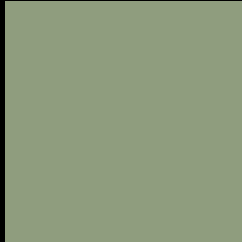
Large Text (above 18pt) WCAG AA × Fail

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, 18.122, 126.450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

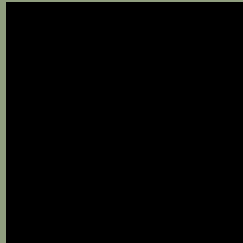
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

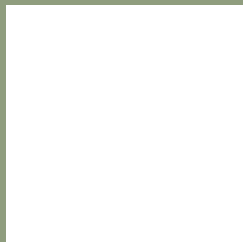
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 18.122, 126.450

Background



This preview shows how black text looks on a background with the CIELCh color 63, 18.122, 126.450.



This preview shows how white text looks on a background with the CIELCh color 63, 18.122, 126.450.

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

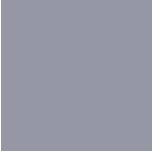
63, 18.122, 126.450

Protanopia

63, 16.007, 94.974

Deuteranopia

63, 15.816, 59.294



Tritanopia
63, 6.788, 281.491

Trichromacy



Original Color
63, 18.122, 126.450

Protanomaly
63, 16.092, 106.939

Deuteranomaly
63, 13.911, 86.049

Tritanomaly
63, 3.513, 159.743

Monochromacy



Original Color
63, 18.122, 126.450

Achromatopsia
62, 0.008, 296.813

Achromatomaly
63, 6.992, 125.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 18.122, 126.450 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(143, 157, 126)` looks like.

```
.text, #text, p{  
    color:rgb(143, 157, 126)  
}
```

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(143, 157, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 157, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 18.122, 126.450 is called "border". The border property can be set on classes, ids or directly on the HTML element.

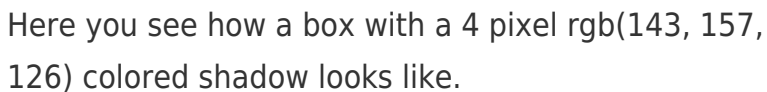
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(143, 157, 126) }
```

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

```
.border{ border-color:rgb(143, 157, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(143, 157, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 157, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 157, 126);  
box-shadow:4px 4px 4px 4px rgb(143, 157,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 18.122, 126.450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 157, 126) }
```

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

```
.background{ background-color: rgb(143,  
157, 126) }
```

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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