

Converting Colors

CIELCh(63, 3.462, 19.605)

Have a look what the booklet for
CIELCh(63, 3.462, 19.605) contains.

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Color

CIELCh(63, 3.506, 19.612)

Conversions

Conversions Part 1

Format	Color
Hex	9F9696
RGB	159, 150, 150
RGB Percent	62%, 59%, 59%
CMY	0.3747, 0.4100, 0.4100
CMYK	0.00, 0.06, 0.06, 0.37
HSL	0°, 4%, 61%
HSV	0°, 6%, 63%
XYZ	30.9045, 31.5869, 33.5090
YIQ	152.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

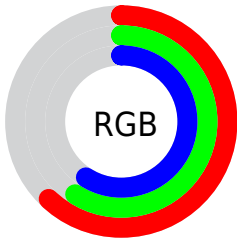
Format	Color
R _Y B	159, 150, 150
Decimal	10458774
CIE Lab	63.00, 3.30, 1.18
CIE LCh	63, 3.506, 19.612
Yxy	31.5869, 0.3219, 0.3290
Android (android.graphics.Color)	4288648854 (0xFF9F9696)
YUV	152.6910, -1.3267, 5.5330
Hunter-Lab	56.2022, -0.2004, 3.9915

Details

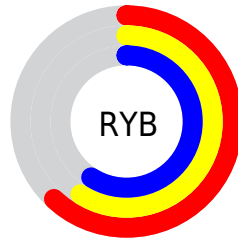
The CIELCh color $63, 3.506, 19.612$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 3.385, 199.266$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 3.674, 19.531$, and $43, 3.794, 19.805$ is the 20% darker color. If you saturate the color by 10%, you get $58, 10.093, 20.437$, and if you desaturate by 10%, it is $68, 2.597, 199.392$.

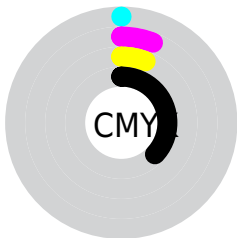
Distribution



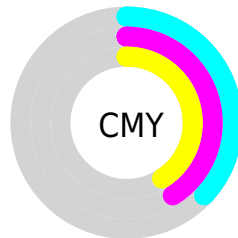
- Red (62%)
- Green (59%)
- Blue (59%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (6%)
- Black (37%)



- Cyan (37%)
- Magenta (41%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 3.506, 19.612 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, 3.506, 19.612 by changing the saturation by 10% instead.

 63, 3.506, 19.612  63, 3.506, 19.612

 100, 3.506, 19.612  53, 3.506, 19.612

 83, 3.506, 19.612  43, 3.506, 19.612

 93, 3.506, 19.612  33, 3.506, 19.612

 23, 3.506, 19.612

 13, 3.506, 19.612

 3, 3.506, 19.612

 0, 3.506, 19.612

 63, 3.506, 19.612  63, 3.506, 19.612

 58, 10.093, 20.437  68, 2.597, 199.392

54, 17.186, 21.375

72, 8.249, 198.827

50, 24.769, 22.576

77, 13.495,
198.452

45, 32.776, 24.136

82, 18.380,
198.157

42, 41.070, 26.157

39, 49.438, 28.735

87, 22.948,
197.919

36, 57.586, 31.887

92, 27.238,
197.724

34, 65.058, 35.389

33, 70.982, 38.527

94, 29.532,
197.598

Harmonies

Complementary

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



63, 3.506, 19.612



65, 3.385, 199.266

Rectangle

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



63, 3.506, 19.612



63, 3.506, 69.612



63, 3.506, 199.612



63, 3.506, 249.612

Sweetspot

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



63, 3.505, 19.637



82, 1.512, 19.180



63, 6.127, 324.709



44, 0.866, 19.149



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, 3.505, 19.637



79, 5.394, 19.761



64, 3.038, 74.648



32, 2.807, 19.782



29, 67.087, 39.167



1, 4.471, 19.431

Inverse Universe

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



65, 3.385, 199.266



82, 5.163, 199.160



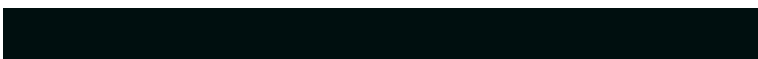
64, 3.008, 256.217



33, 2.682, 199.142



54, 32.528, 196.436



3, 4.471, 199.456

Previews

White Background



This preview shows how the CIELCh color 63, 3.506, 19.612 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, 3.506, 19.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

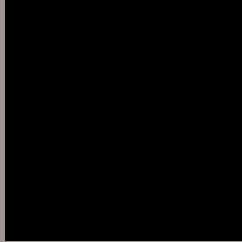
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

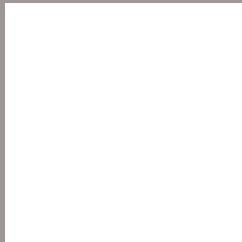
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 3.506, 19.612

Background



This preview shows how black text looks on a background with the CIELCh color 63, 3.506, 19.612.

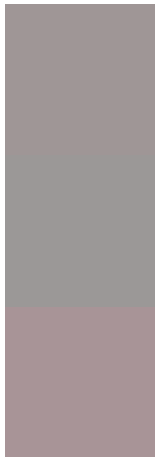


This preview shows how white text looks on a background with the CIELCh color 63, 3.506, 19.612.

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, 3.506, 19.612

Protanopia

63, 1.279, 44.966

Deuteranopia

63, 8.025, 8.153



Tritanopia
63, 8.159, 324.815

Trichromacy



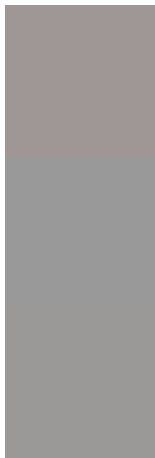
Original Color
63, 3.506, 19.612

Protanomaly
63, 2.327, 19.433

Deuteranomaly
63, 6.362, 9.888

Tritanomaly
63, 5.509, 334.649

Monochromacy



Original Color
63, 3.506, 19.612

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 1.158, 19.125

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 3.506, 19.612 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(159, 150, 150)` looks like.

```
.text, #text, p{  
    color:rgb(159, 150, 150)  
}
```

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(159, 150, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 150, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 3.506, 19.612 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(159, 150, 150) }
```

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

```
.border{ border-color:rgb(159, 150, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 150, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 150, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 150, 150);  
box-shadow:4px 4px 4px 4px rgb(159, 150,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 3.506, 19.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 150, 150) }
```

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

```
.background{ background-color: rgb(159,  
150, 150) }
```

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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