

Converting Colors

CIELCh(63, 5.363, 100.705)

Have a look what the booklet for
CIELCh(63, 5.363, 100.705) contains.

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Color

CIELCh(63, 5.616, 101.484)

Conversions

Conversions Part 1

Format	Color
Hex	9B998F
RGB	155, 153, 143
RGB Percent	61%, 60%, 56%
CMY	0.3934, 0.4013, 0.4405
CMYK	0.00, 0.01, 0.08, 0.39
HSL	50°, 6%, 58%
HSV	50°, 8%, 61%
XYZ	29.7276, 31.5869, 30.3900
YIQ	152.4580, 4.4020, -2.6860

Conversions

Conversions Part 2

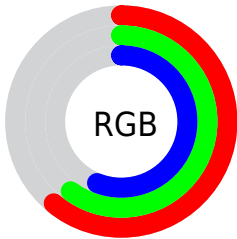
Format	Color
RYB	145, 155, 143
Decimal	10197391
CIELab	63.00, -1.12, 5.50
CIElCh	63, 5.616, 101.484
Yxy	31.5869, 0.3242, 0.3444
Android (android.graphics.Color)	4288387471 (0xFF9B998F)
YUV	152.4580, -4.6628, 2.2293
Hunter-Lab	56.2022, -3.9380, 7.2820

Details

The CIELCh color $63, 5.616, 101.484$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 5.684, 283.239$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 5.308, 101.680$, and $43, 5.450, 100.349$ is the 20% darker color. If you saturate the color by 10%, you get $62, 12.901, 100.409$, and if you desaturate by 10%, it is $64, 1.631, 282.657$.

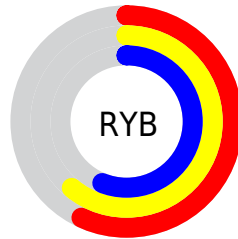
Distribution



Red (61%)

Green (60%)

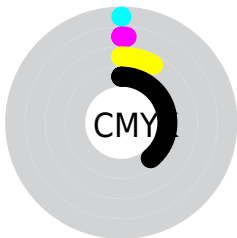
Blue (56%)



Red (57%)

Yellow (61%)

Blue (56%)

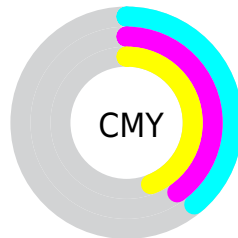


Cyan (0%)

Magenta (1%)

Yellow (8%)

Black (39%)



Cyan (39%)

Magenta (40%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 5.616, 101.484 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, 5.616, 101.484 by changing the saturation by 10% instead.

■ 63, 5.616, 101.484

■ 63, 5.616, 101.484

■ 100, 5.616,
101.484

■ 53, 5.616, 101.484

■ 83, 5.616, 101.484

■ 43, 5.616, 101.484

■ 93, 5.616, 101.484

■ 33, 5.616, 101.484

■ 23, 5.616, 101.484

■ 13, 5.616, 101.484

■ 3, 5.616, 101.484

■ 0, 5.616, 101.484

■ 63, 5.616, 101.484

■ 63, 5.616, 101.484

■ 62, 12.901,

■ 64, 1.631, 282.657

100.409

65, 8.827, 283.629

61, 20.191, 99.286

66, 15.962,
284.611

60, 27.433, 98.142

68, 23.033,
285.552

59, 34.538, 96.989

58, 41.355, 95.834

69, 30.036,
286.449

57, 47.636, 94.684

70, 36.972,
287.300

56, 53.012, 93.537

56, 56.999, 92.379

71, 43.842,
288.106

55, 59.371, 91.184

72, 44.576,
287.311

73, 43.174,
285.889

Harmonies

Complementary

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



63, 5.616, 101.484



60, 5.684, 283.239

Rectangle

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



63, 5.616, 101.484



63, 5.616, 151.484



63, 5.616, 281.484



63, 5.616, 331.484

Sweetspot

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



63, 5.617, 101.498



81, 1.787, 102.055



60, 4.851, 6.421



43, 1.023, 102.063



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, 5.617, 101.498



80, 8.090, 101.347



63, 6.869, 122.649



32, 4.060, 101.343



50, 55.778, 91.036



3, 4.328, 101.591

Inverse Universe

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



60, 5.684, 283.239



76, 8.198, 283.406



60, 6.974, 303.461



30, 4.114, 283.411



18, 76.229, 302.923



1, 4.406, 282.506

Previews

White Background



This preview shows how the CIELCh color 63, 5.616, 101.484 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, 5.616, 101.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

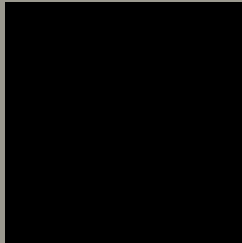
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

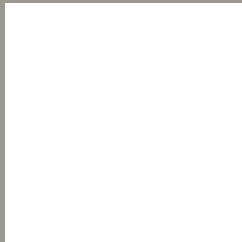
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 5.616, 101.484

Background



This preview shows how black text looks on a background with the CIELCh color 63, 5.616, 101.484.



This preview shows how white text looks on a background with the CIELCh color 63, 5.616, 101.484.

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, 5.616, 101.484

Protanopia

63, 6.045, 86.363

Deuteranopia

63, 9.349, 30.474



Tritanopia
63, 7.254, 312.212

Trichromacy



Original Color
63, 5.616, 101.484

Protanomaly
63, 5.901, 89.933

Deuteranomaly
63, 6.578, 44.852

Tritanomaly
63, 2.968, 330.635

Monochromacy



Original Color
63, 5.616, 101.484

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 1.708, 96.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 5.616, 101.484 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(155, 153, 143)` looks like.

```
.text, #text, p{  
    color:rgb(155, 153, 143)  
}
```

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(155, 153, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 153, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 5.616, 101.484 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(155, 153, 143) }
```

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

```
.border{ border-color:rgb(155, 153, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 153, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 153, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 153, 143);  
box-shadow:4px 4px 4px 4px rgb(155, 153,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 5.616, 101.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 153, 143) }
```

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

```
.background{ background-color: rgb(155,  
153, 143) }
```

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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