

Converting Colors

CIELCh(63, 9.562, 13.987)

Have a look what the booklet for
CIELCh(63, 9.562, 13.987) contains.

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Color

CIELCh(63, 9.549, 13.629)

Conversions

Conversions Part 1

Format	Color
Hex	AB9395
RGB	171, 147, 149
RGB Percent	67%, 58%, 58%
CMY	0.3304, 0.4244, 0.4166
CMYK	0.00, 0.14, 0.13, 0.33
HSL	355°, 12%, 62%
HSV	355°, 14%, 67%
XYZ	32.5445, 31.5869, 32.7163
YIQ	154.4040, 13.6620, 5.7100

Conversions

Conversions Part 2

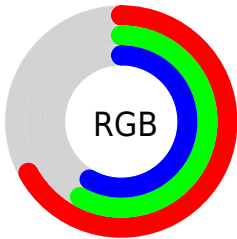
Format	Color
R _Y B	171, 147, 149
Decimal	11244437
CIE Lab	63.00, 9.28, 2.25
CIE LCh	63, 9.549, 13.629
Yxy	31.5869, 0.3360, 0.3262
Android (android.graphics.Color)	4289434517 (0xFFAB9395)
YUV	154.4040, -2.6642, 14.5547
Hunter-Lab	56.2022, 5.0085, 4.8278

Details

The CIELCh color $63, 9.549, 13.629$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 8.860, 191.547$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 9.727, 13.911$, and $43, 9.930, 13.823$ is the 20% darker color. If you saturate the color by 10%, you get $58, 16.885, 14.717$, and if you desaturate by 10%, it is $68, 2.662, 12.646$.

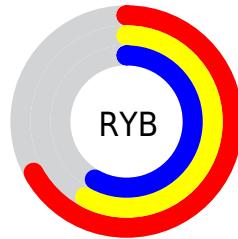
Distribution



Red (67%)

Green (58%)

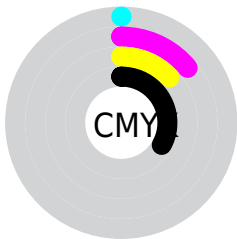
Blue (58%)



Red (67%)

Yellow (58%)

Blue (58%)

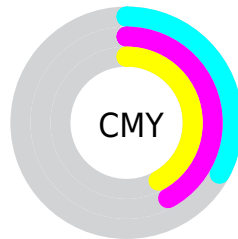


Cyan (0%)

Magenta (14%)

Yellow (13%)

Black (33%)



Cyan (33%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 9.549, 13.629 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, 9.549, 13.629 by changing the saturation by 10% instead.

 63, 9.549, 13.629  63, 9.549, 13.629

 100, 9.549, 13.629  53, 9.549, 13.629

 83, 9.549, 13.629  43, 9.549, 13.629

 93, 9.549, 13.629  33, 9.549, 13.629

 23, 9.549, 13.629

 13, 9.549, 13.629

 3, 9.549, 13.629

 0, 9.549, 13.629

 63, 9.549, 13.629  63, 9.549, 13.629

 58, 16.885, 14.717  68, 2.662, 12.646

54, 24.641, 16.041

73, 3.776, 192.238

49, 32.728, 17.704

78, 9.790, 191.558

45, 40.986, 19.817

83, 15.416,
191.027

42, 49.184, 22.504

88, 20.692,
190.576

39, 57.050, 25.864

37, 64.312, 29.878

93, 25.657,
190.184

36, 70.643, 34.218

95, 26.549,
197.781

35, 73.925, 36.413

Harmonies

Complementary

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



63, 9.549, 13.629



68, 8.860, 191.547

Rectangle

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



63, 9.549, 13.629



63, 9.549, 63.629



63, 9.549, 193.629



63, 9.549, 243.629

Sweetspot

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



63, 9.547, 13.638



86, 3.254, 12.649



63, 15.790, 322.852



46, 2.336, 12.735



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63, 9.547, 13.638



78, 14.449, 13.968



66, 7.840, 64.383



33, 3.740, 13.178



30, 66.101, 35.888



1, 6.617, 13.466

Inverse Universe

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



63, 9.547, 13.638



78, 14.449, 13.968



65, 7.430, 247.618



33, 3.740, 13.178



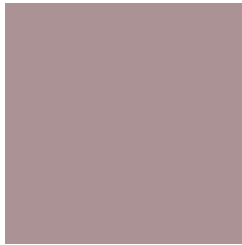
30, 66.101, 35.888



1, 6.617, 13.466

Previews

White Background



This preview shows how the CIELCh color 63, 9.549, 13.629 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, 9.549, 13.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

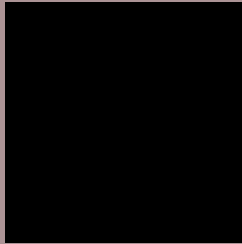
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 9.549, 13.629

Background



This preview shows how black text looks on a background with the CIELCh color 63, 9.549, 13.629.



This preview shows how white text looks on a background with the CIELCh color 63, 9.549, 13.629.

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, 9.549, 13.629

Protanopia

63, 1.158, 19.125

Deuteranopia

63, 8.304, 16.329



Tritanopia
63, 11.814, 349.356

Trichromacy



Original Color
63, 9.549, 13.629

Protanomaly
63, 4.325, 12.322

Deuteranomaly
63, 8.706, 16.550

Tritanomaly
63, 11.096, 356.860

Monochromacy



Original Color
63, 9.549, 13.629

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 3.543, 10.576

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 9.549, 13.629 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(171, 147, 149)` looks like.

```
.text, #text, p{  
    color:rgb(171, 147, 149)  
}
```

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(171, 147, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 147, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 9.549, 13.629 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(171, 147, 149) }
```

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

```
.border{ border-color:rgb(171, 147, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 147, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 147, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 147, 149);  
box-shadow:4px 4px 4px 4px rgb(171, 147,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 9.549, 13.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 147, 149) }
```

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

```
.background{ background-color: rgb(171,  
147, 149) }
```

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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