

Converting Colors

CIELCh(63, 9.549, 321.566)

Have a look what the booklet for
CIELCh(63, 9.549, 321.566) contains.

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Color

CIELCh(63, 9.781, 321.169)

Conversions

Conversions Part 1

Format	Color
Hex	A194A3
RGB	161, 148, 163
RGB Percent	63%, 58%, 64%
CMY	0.3670, 0.4180, 0.3592
CMYK	0.01, 0.09, 0.00, 0.36
HSL	292°, 8%, 61%
HSV	292°, 9%, 64%
XYZ	32.0832, 31.5869, 39.2509
YIQ	153.5970, 2.9330, 7.4210

Conversions

Conversions Part 2

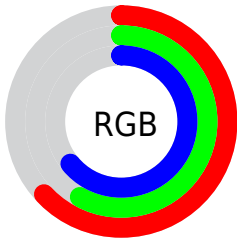
Format	Color
RYB	161, 148, 163
Decimal	10589347
CIELab	63.00, 7.62, -6.13
CIElCh	63, 9.781, 321.169
Yxy	31.5869, 0.3117, 0.3069
Android (android.graphics.Color)	4288779427 (0xFFA194A3)
YUV	153.5970, 4.6357, 6.4924
Hunter-Lab	56.2022, 3.5432, -2.0658

Details

The CIELCh color $63, 9.781, 321.169$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 9.740, 140.341$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 9.895, 321.327$, and $43, 9.781, 321.031$ is the 20% darker color. If you saturate the color by 10%, you get $59, 20.561, 321.642$, and if you desaturate by 10%, it is $68, 0.855, 140.958$.

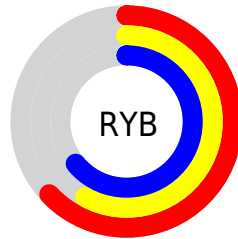
Distribution



Red (63%)

Green (58%)

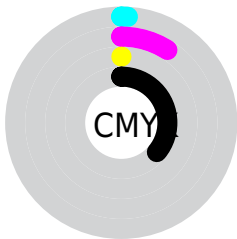
Blue (64%)



Red (63%)

Yellow (58%)

Blue (64%)

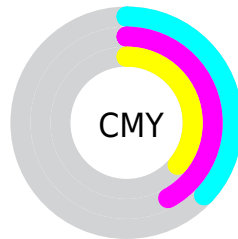


Cyan (1%)

Magenta (9%)

Yellow (0%)

Black (36%)



Cyan (37%)

Magenta (42%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 9.781, 321.169 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, 9.781, 321.169 by changing the saturation by 10% instead.

63, 9.781, 321.169

63, 9.781, 321.169

100, 9.781,
321.169

53, 9.781, 321.169

83, 9.781, 321.169

43, 9.781, 321.169

93, 9.781, 321.169

33, 9.781, 321.169

23, 9.781, 321.169

13, 9.781, 321.169

3, 9.781, 321.169

0, 9.781, 321.169

63, 9.781, 321.169

63, 9.781, 321.169

59, 20.561,

68, 0.855, 140.958

321.642

72, 11.265,
140.306

54, 31.365,
322.102

77, 21.408,
139.875

50, 42.003,
322.536

81, 31.263,
139.475

46, 52.204,
322.924

86, 40.824,
139.102

43, 61.610,
323.237

91, 50.095,
138.756

40, 69.789,
323.446

93, 54.634,
138.295

38, 76.298,
323.516

93, 54.229,
137.672

36, 80.788,
323.421

93, 53.828,
137.034

35, 83.471,
323.176

Harmonies

Complementary

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



63, 9.781, 321.169



66, 9.740, 140.341

Rectangle

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



63, 9.781, 321.169



63, 9.781, 11.169



63, 9.781, 141.169



63, 9.781, 191.169

Sweetspot

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



63, 9.779, 321.168



83, 3.928, 320.847



62, 7.315, 285.165



44, 3.002, 320.895



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 9.779, 321.168



79, 14.483, 321.266



63, 7.869, 337.731



32, 6.019, 321.173



31, 76.779, 323.203



1, 9.203, 319.701

Inverse Universe

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



63, 5.978, 9.179



78, 8.894, 9.384



66, 7.815, 156.483



32, 3.680, 9.188



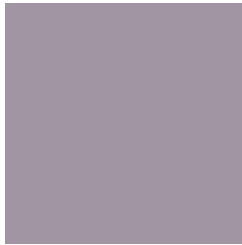
30, 63.209, 32.974



1, 5.560, 9.467

Previews

White Background



This preview shows how the CIELCh color 63, 9.781, 321.169 looks on a white background.

Color Contrast Check

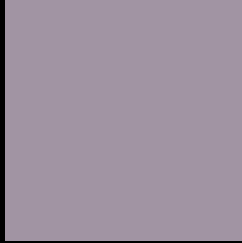
Large Text (above 18pt) WCAG AA × Fail

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, 9.781, 321.169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

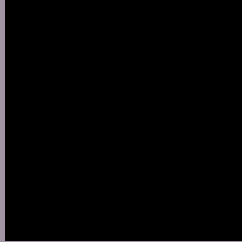
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 9.781, 321.169

Background



This preview shows how black text looks on a background with the CIELCh color 63, 9.781, 321.169.



This preview shows how white text looks on a background with the CIELCh color 63, 9.781, 321.169.

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, 9.781, 321.169

Protanopia

63, 7.842, 291.035

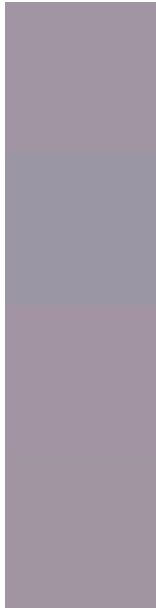
Deuteranopia

63, 9.978, 323.077



Tritanopia
63, 8.159, 324.815

Trichromacy



Original Color
63, 9.781, 321.169

Protanomaly
63, 8.092, 304.373

Deuteranomaly
63, 9.978, 323.077

Tritanomaly
63, 8.624, 322.727

Monochromacy



Original Color
63, 9.781, 321.169

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 3.408, 324.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 9.781, 321.169 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(161, 148, 163)` looks like.

```
.text, #text, p{  
    color:rgb(161, 148, 163)  
}
```

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(161, 148, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 148, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 9.781, 321.169 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(161, 148, 163) }
```

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

```
.border{ border-color:rgb(161, 148, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 148, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 148, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 148, 163);  
box-shadow:4px 4px 4px 4px rgb(161, 148,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 9.781, 321.169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 148, 163) }
```

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

```
.background{ background-color: rgb(161,  
148, 163) }
```

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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