

Converting Colors

CIELCh(61, 9.428, 314.755)

Have a look what the booklet for
CIELCh(61, 9.428, 314.755) contains.

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Color

CIELCh(61, 9.305, 315.037)

Conversions

Conversions Part 1

Format	Color
Hex	9A909F
RGB	154, 144, 159
RGB Percent	60%, 56%, 62%
CMY	0.3967, 0.4359, 0.3771
CMYK	0.03, 0.09, 0.00, 0.38
HSL	280°, 7%, 59%
HSV	280°, 9%, 62%
XYZ	29.4869, 29.2481, 36.8164
YIQ	148.7000, 1.1450, 6.7850

Conversions

Conversions Part 2

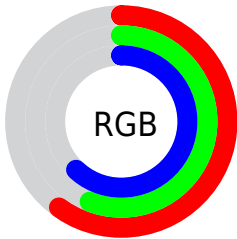
Format	Color
R _{YB}	154, 144, 159
Decimal	10129567
CIE Lab	61.00, 6.58, -6.58
CIE LCh	61, 9.305, 315.037
Yxy	29.2481, 0.3086, 0.3061
Android (android.graphics.Color)	4288319647 (0xFF9A909F)
YUV	148.7000, 5.0779, 4.6481
Hunter-Lab	54.0815, 2.6809, -2.5050

Details

The CIELCh color **61, 9.305, 315.037** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 9.221, 134.291**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 9.278, 313.603**, and **41, 9.290, 314.397** is the 20% darker color. If you saturate the color by 10%, you get **56, 19.356, 315.468**, and if you desaturate by 10%, it is **66, 0.537, 134.915**.

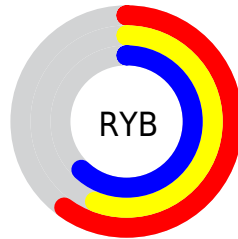
Distribution



Red (60%)

Green (56%)

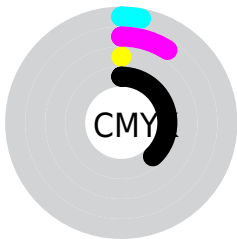
Blue (62%)



Red (60%)

Yellow (56%)

Blue (62%)

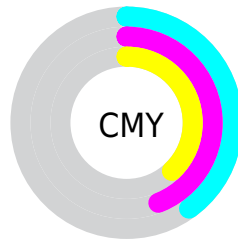


Cyan (3%)

Magenta (9%)

Yellow (0%)

Black (38%)



Cyan (40%)

Magenta (44%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 9.305, 315.037 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 61, 9.305, 315.037 by changing the saturation by 10% instead.

61, 9.305, 315.037

61, 9.305, 315.037

100, 9.305,
315.037

51, 9.305, 315.037

81, 9.305, 315.037

41, 9.305, 315.037

91, 9.305, 315.037

31, 9.305, 315.037

21, 9.305, 315.037

11, 9.305, 315.037

1, 9.305, 315.037

0, 9.305, 315.037

61, 9.305, 315.037

61, 9.305, 315.037

56, 19.356,

66, 0.537, 134.915

315.468

70, 10.126,
134.283

52, 29.550,
315.903

75, 19.448,
133.928

47, 39.763,
316.328

80, 28.499,
133.609

43, 49.801,
316.718

85, 37.284,
133.321

39, 59.369,
317.033

89, 45.811,
133.063

36, 68.055,
317.223

94, 54.077,
132.831

33, 75.349,
317.223

94, 53.210,
131.085

30, 80.737,
316.965

95, 52.387,
129.251

28, 84.333,
316.472

Harmonies

Complementary

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



61, 9.305, 315.037



64, 9.221, 134.291

Rectangle

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



61, 9.305, 315.037



61, 9.305, 5.037



61, 9.305, 135.037



61, 9.305, 185.037

Sweetspot

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



61, 9.303, 315.035



81, 3.640, 314.742



62, 5.779, 271.020



43, 2.782, 314.783



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



61, 9.303, 315.035



77, 13.452, 315.112



61, 9.225, 329.367



31, 5.550, 315.027



25, 78.154, 316.537



1, 7.128, 313.548

Inverse Universe

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



61, 6.509, 354.498



77, 9.424, 354.682



64, 9.202, 148.288



31, 3.883, 354.477



29, 55.845, 16.765



1, 4.948, 354.843

Previews

White Background



This preview shows how the CIELCh color 61, 9.305, 315.037 looks on a white background.

Color Contrast Check

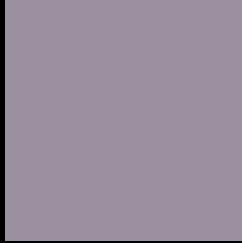
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 9.305, 315.037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

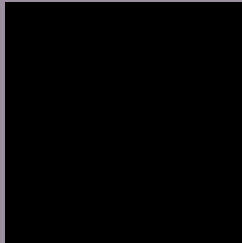
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 9.305, 315.037

Background



This preview shows how black text looks on a background with the CIELCh color 61, 9.305, 315.037.

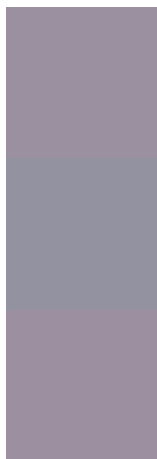


This preview shows how white text looks on a background with the CIELCh color 61, 9.305, 315.037.

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


61, 9.305, 315.037

Protanopia

61, 7.890, 291.061

Deuteranopia

61, 10.326, 319.606



Tritanopia
61, 7.622, 317.593

Trichromacy



Original Color
61, 9.305, 315.037

Protanomaly
61, 8.613, 301.117

Deuteranomaly
61, 10.149, 317.699

Tritanomaly
61, 8.126, 315.808

Monochromacy



Original Color
61, 9.305, 315.037

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 3.728, 314.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 9.305, 315.037 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(154, 144, 159)` looks like.

```
.text, #text, p{  
    color:rgb(154, 144, 159)  
}
```

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(154, 144, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 144, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 9.305, 315.037 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(154, 144, 159) }
```

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

```
.border{ border-color:rgb(154, 144, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 144, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 144, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 144, 159);  
box-shadow:4px 4px 4px 4px rgb(154, 144,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 9.305, 315.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 144, 159) }
```

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

```
.background{ background-color: rgb(154,  
144, 159) }
```

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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