

Converting Colors

CIELCh(61, 5.916, 34.272)

Have a look what the booklet for
CIELCh(61, 5.916, 34.272) contains.

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Color

CIELCh(61, 6.203, 35.585)

Conversions

Conversions Part 1

Format	Color
Hex	9F908D
RGB	159, 144, 141
RGB Percent	62%, 56%, 55%
CMY	0.3764, 0.4352, 0.4470
CMYK	0.00, 0.09, 0.11, 0.38
HSL	10°, 9%, 59%
HSV	10°, 11%, 62%
XYZ	29.0864, 29.2481, 29.3186
YIQ	148.1430, 9.9030, 2.2470

Conversions

Conversions Part 2

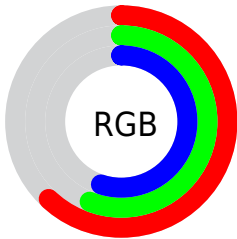
Format	Color
R _Y B	159, 145, 141
Decimal	10457229
CIE Lab	61.00, 5.04, 3.61
CIE LCh	61, 6.203, 35.585
Yxy	29.2481, 0.3318, 0.3337
Android (android.graphics.Color)	4288647309 (0xFF9F908D)
YUV	148.1430, -3.5215, 9.5216
Hunter-Lab	54.0815, 1.3592, 5.7149

Details

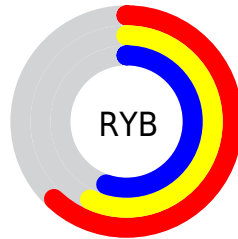
The CIELCh color $61, 6.203, 35.585$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $63, 5.776, 215.934$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 6.177, 34.626$, and $41, 5.917, 37.829$ is the 20% darker color. If you saturate the color by 10%, you get $57, 12.169, 35.731$, and if you desaturate by 10%, it is $65, 0.693, 35.028$.

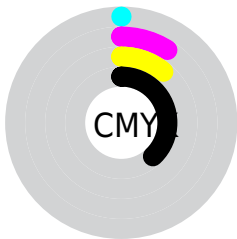
Distribution



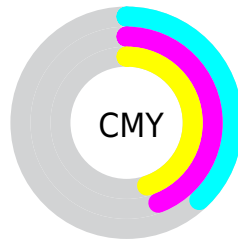
- Red (62%)
- Green (56%)
- Blue (55%)



- Red (62%)
- Yellow (57%)
- Blue (55%)



- Cyan (0%)
- Magenta (9%)
- Yellow (11%)
- Black (38%)



- Cyan (38%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 6.203, 35.585 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, 6.203, 35.585 by changing the saturation by 10% instead.

■ 61, 6.203, 35.585

■ 61, 6.203, 35.585

■ 100, 6.203, 35.585

■ 51, 6.203, 35.585

■ 81, 6.203, 35.585

■ 41, 6.203, 35.585

■ 91, 6.203, 35.585

■ 31, 6.203, 35.585

■ 21, 6.203, 35.585

■ 11, 6.203, 35.585

■ 1, 6.203, 35.585

■ 0, 6.203, 35.585

■ 61, 6.203, 35.585

■ 61, 6.203, 35.585

■ 57, 12.169, 35.731

■ 65, 0.693, 35.028

53, 18.628, 35.983

69, 4.399, 215.907

50, 25.595, 36.415

73, 9.118, 216.019

46, 33.058, 37.075

77, 13.508,
216.214

43, 40.954, 37.998

81, 17.606,
216.449

40, 49.137, 39.188

38, 57.293, 40.545

85, 21.449,
216.710

36, 64.737, 41.731

89, 25.069,
216.986

34, 70.283, 42.722

93, 28.099,
202.996

94, 29.642,
197.592

Harmonies

Complementary

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



61, 6.203, 35.585



63, 5.776, 215.934

Rectangle

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



61, 6.203, 35.585



61, 6.203, 85.585



61, 6.203, 215.585



61, 6.203, 265.585

Sweetspot

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



61, 6.202, 35.602



81, 1.967, 35.401



61, 10.955, 330.040



43, 1.508, 35.456



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, 6.202, 35.602



76, 9.607, 35.632



63, 7.079, 89.719



31, 3.058, 35.581



31, 64.418, 42.591



1, 3.890, 34.745

Inverse Universe

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



63, 5.776, 215.934



80, 8.769, 215.983



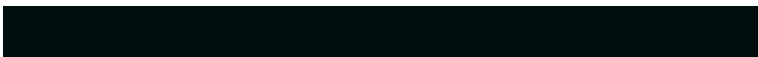
61, 7.072, 272.619



33, 2.887, 215.913



46, 28.273, 227.575



3, 3.799, 219.066

Previews

White Background



This preview shows how the CIELCh color 61, 6.203, 35.585 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 CIE LCh color 61, 6.203, 35.585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

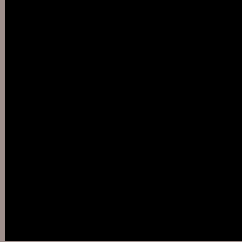
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

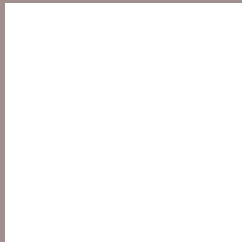
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 61, 6.203, 35.585

Background



This preview shows how black text looks on a background with the CIELCh color 61, 6.203, 35.585.



This preview shows how white text looks on a background with the CIELCh color 61, 6.203, 35.585.

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, 6.203, 35.585

Protanopia

61, 3.201, 80.377

Deuteranopia

61, 8.823, 23.851



Tritanopia
61, 9.640, 340.498

Trichromacy



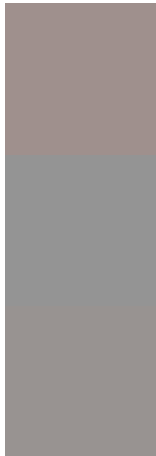
Original Color
61, 6.203, 35.585

Protanomaly
61, 3.863, 54.994

Deuteranomaly
61, 7.673, 28.454

Tritanomaly
61, 7.465, 353.324

Monochromacy



Original Color
61, 6.203, 35.585

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 2.243, 49.337

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 6.203, 35.585 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, 144, 141)` looks like.

```
.text, #text, p{  
    color:rgb(159, 144, 141)  
}
```

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, 144, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 144, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 6.203, 35.585 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, 144, 141) }
```

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

```
.border{ border-color:rgb(159, 144, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 144, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 144, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 144, 141);  
box-shadow:4px 4px 4px 4px rgb(159, 144,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 6.203, 35.585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 144, 141) }
```

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

```
.background{ background-color: rgb(159,  
144, 141) }
```

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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