

Converting Colors

CIELCh(61, 11.547, 300.946)

Have a look what the booklet for
CIELCh(61, 11.547, 300.946)
contains.

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Color

CIELCh(61, 12.088, 302.039)

Conversions

Conversions Part 1

Format	Color
Hex	9690A5
RGB	150, 144, 165
RGB Percent	59%, 56%, 65%
CMY	0.4108, 0.4344, 0.3520
CMYK	0.09, 0.13, 0.00, 0.35
HSL	257°, 10%, 61%
HSV	257°, 13%, 65%
XYZ	29.4422, 29.2481, 39.8041
YIQ	148.1880, -3.1650, 7.8030

Conversions

Conversions Part 2

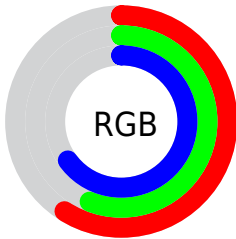
Format	Color
R_{YB}	150, 144, 165
Decimal	9867429
CIE Lab	61.00, 6.41, -10.25
CIE LCh	61, 12.088, 302.039
Yxy	29.2481, 0.2989, 0.2970
Android (android.graphics.Color)	4288057509 (0xFF9690A5)
YUV	148.1880, 8.2883, 1.5891
Hunter-Lab	54.0815, 2.5333, -5.7805

Details

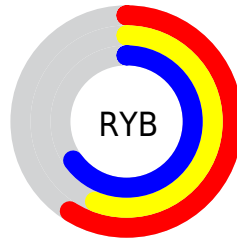
The CIELCh color $61, 12.088, 302.039$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 11.794, 120.535$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 11.932, 301.396$, and $41, 11.755, 301.467$ is the 20% darker color. If you saturate the color by 10%, you get $56, 21.976, 302.746$, and if you desaturate by 10%, it is $66, 2.539, 301.402$.

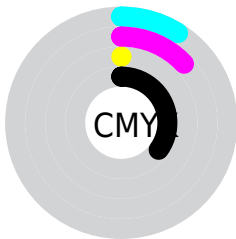
Distribution



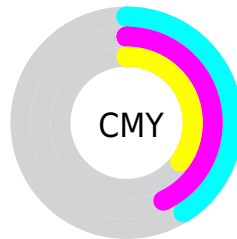
- Red (59%)
- Green (56%)
- Blue (65%)



- Red (59%)
- Yellow (56%)
- Blue (65%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)
- Black (35%)



- Cyan (41%)
- Magenta (43%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 12.088, 302.039 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, 12.088, 302.039 by changing the saturation by 10% instead.

■ 61, 12.088,
302.039

■ 61, 12.088,
302.039

■ 100, 12.088,
302.039

■ 51, 12.088,
302.039

■ 81, 12.088,
302.039

■ 41, 12.088,
302.039

■ 91, 12.088,
302.039

■ 31, 12.088,
302.039

■ 21, 12.088,
302.039

■ 11, 12.088,
302.039

■ 1, 12.088, 302.039

■ 0, 12.088, 302.039

61, 12.088,
302.039

61, 12.088,
302.039

56, 21.976,
302.746

66, 2.539, 301.402

50, 32.200,
303.542

72, 6.676, 120.880

45, 42.718,
304.420

77, 15.570,
120.405

40, 53.428,
305.359

82, 24.163,
119.997

35, 64.105,
306.313

88, 32.472,
119.645

30, 74.318,
307.195

93, 40.515,
119.342

26, 83.338,
307.868


97, 45.730,
117.538

23, 90.175,

97, 45.042,
111.883

308.154

 98, 44.841,
106.751

 21, 93.982,
308.219

Harmonies

Complementary

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



61, 12.088, 302.039



67, 11.794, 120.535

Rectangle

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



61, 12.088, 302.039



61, 12.088, 352.039



61, 12.088, 122.039



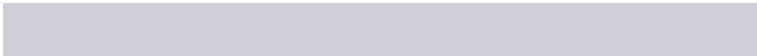
61, 12.088, 172.039

Sweetspot

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



61, 12.086, 302.036



83, 4.633, 301.487



65, 6.372, 230.447



43, 3.290, 301.532



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



61, 12.086, 302.036



76, 17.697, 302.210



62, 13.380, 318.843



32, 5.293, 301.811



18, 85.435, 308.314



1, 8.090, 300.242

Inverse Universe

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



62, 11.676, 334.536



77, 17.046, 334.718



66, 13.286, 137.744



32, 5.131, 334.291



32, 61.504, 343.458



1, 7.614, 336.028

Previews

White Background



This preview shows how the CIELCh color 61, 12.088, 302.039 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, 12.088, 302.039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

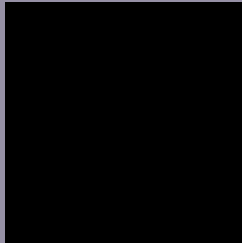
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 12.088, 302.039

Background



This preview shows how black text looks on a background with the CIELCh color 61, 12.088, 302.039.



This preview shows how white text looks on a background with the CIELCh color 61, 12.088, 302.039.

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, 12.088, 302.039

Protanopia

61, 11.278, 287.722

Deuteranopia

61, 13.008, 308.086



Tritanopia
61, 6.318, 301.187

Trichromacy



Original Color
61, 12.088, 302.039

Protanomaly
61, 11.855, 293.261

Deuteranomaly
61, 12.905, 306.493

Tritanomaly
61, 8.613, 301.117

Monochromacy



Original Color
61, 12.088, 302.039

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 4.027, 301.516

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 12.088, 302.039 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(150, 144, 165)` looks like.

```
.text, #text, p{  
    color:rgb(150, 144, 165)  
}
```

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(150, 144, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 144, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 12.088, 302.039 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(150, 144, 165) }
```

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

```
.border{ border-color:rgb(150, 144, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 144, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 144, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 144, 165);  
box-shadow:4px 4px 4px 4px rgb(150, 144,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 12.088, 302.039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 144, 165) }
```

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

```
.background{ background-color: rgb(150,  
144, 165) }
```

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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