

Converting Colors

CIELCh(61, 11.743, 324.999)

Have a look what the booklet for
CIELCh(61, 11.743, 324.999)
contains.

CIELCh(61, 11.605, 324.996)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 11.605, 324.996)

Conversions

Conversions Part 1

Format	Color
Hex	9F8E9F
RGB	159, 142, 159
RGB Percent	62%, 56%, 62%
CMY	0.3762, 0.4429, 0.3762
CMYK	0.00, 0.11, 0.00, 0.38
HSL	300°, 8%, 59%
HSV	300°, 11%, 62%
XYZ	30.2571, 29.2481, 36.8812
YIQ	149.0210, 4.6750, 8.8910

Conversions

Conversions Part 2

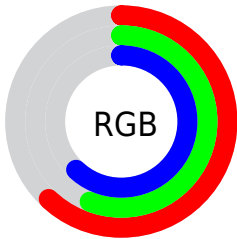
Format	Color
R_{YB}	159, 142, 159
Decimal	10456735
CIE _{Lab}	61.00, 9.51, -6.66
CIE _{LCh}	61, 11.605, 324.996
Yxy	29.2481, 0.3139, 0.3034
Android (android.graphics.Color)	4288646815 (0xFF9F8E9F)
YUV	149.0210, 4.9196, 8.7516
Hunter-Lab	54.0815, 5.2231, -2.5760

Details

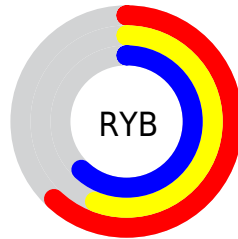
The CIELCh color $61, 11.605, 324.996$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $64, 11.587, 143.839$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 11.615, 324.879$, and $41, 11.732, 325.193$ is the 20% darker color. If you saturate the color by 10%, you get $57, 22.538, 325.540$, and if you desaturate by 10%, it is $65, 0.746, 324.188$.

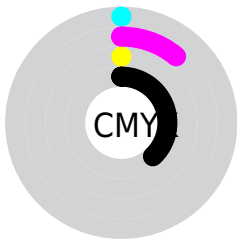
Distribution



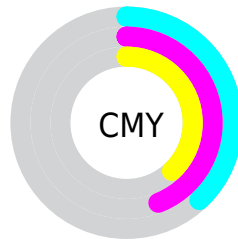
- Red (62%)
- Green (56%)
- Blue (62%)



- Red (62%)
- Yellow (56%)
- Blue (62%)



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





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 11.605, 324.996 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, 11.605, 324.996 by changing the saturation by 10% instead.


 61, 11.605,
324.996


 61, 11.605,
324.996


 100, 11.605,
324.996


 51, 11.605,
324.996


 81, 11.605,
324.996

 41, 11.605,
324.996

 91, 11.605,
324.996

 31, 11.605,
324.996

 21, 11.605,
324.996

 11, 11.605,
324.996

 1, 11.605, 324.996

 0, 11.605, 324.996

61, 11.605,
324.996

61, 11.605,
324.996

57, 22.538,
325.540

65, 0.746, 324.188

53, 33.380,
326.067

70, 9.921, 143.975

49, 43.888,
326.567

74, 20.328,
143.453

46, 53.747,
327.024

78, 30.438,
142.960

43, 62.574,
327.424

83, 40.236,
142.493

41, 69.964,
327.750

87, 49.717,
142.053


39, 75.568,
327.993


92, 58.890,
141.641

38, 79.193,

92, 59.788,
141.601

328.147

 92, 59.788,
141.601

 38, 81.212,
328.233

Harmonies

Complementary

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



61, 11.605, 324.996



64, 11.587, 143.839

Rectangle

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



61, 11.605, 324.996



61, 11.605, 14.996



61, 11.605, 144.996



61, 11.605, 194.996

Sweetspot

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



61, 11.603, 324.996



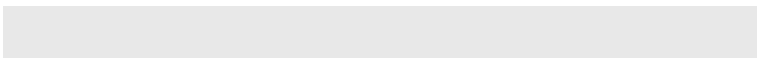
81, 4.014, 324.540



60, 9.625, 291.270



43, 3.068, 324.595



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, 11.603, 324.996



76, 17.484, 325.137



61, 8.182, 344.488



31, 6.104, 324.916



34, 75.047, 328.233



1, 7.944, 324.439

Inverse Universe

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



61, 11.603, 324.996



76, 17.484, 325.137



64, 8.069, 162.814



31, 6.104, 324.916



34, 75.047, 328.233



1, 7.944, 324.439

Previews

White Background



This preview shows how the CIELCh color 61, 11.605, 324.996 looks on a white background.

Color Contrast Check

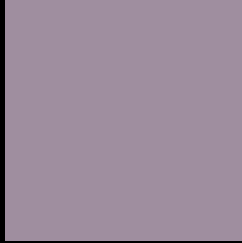
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.605, 324.996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

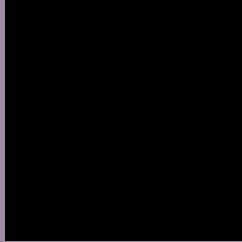
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 11.605, 324.996

Background



This preview shows how black text looks on a background with the CIELCh color 61, 11.605, 324.996.



This preview shows how white text looks on a background with the CIELCh color 61, 11.605, 324.996.

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, 11.605, 324.996

Protanopia

61, 9.016, 291.183

Deuteranopia

61, 10.326, 319.606



Tritanopia
61, 8.503, 333.554

Trichromacy



Original Color
61, 11.605, 324.996

Protanomaly
61, 9.326, 305.093

Deuteranomaly
61, 10.513, 321.452

Tritanomaly
61, 9.347, 328.828

Monochromacy



Original Color
61, 11.605, 324.996

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 4.796, 324.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 11.605, 324.996 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, 142, 159)` looks like.

```
.text, #text, p{  
    color:rgb(159, 142, 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(159, 142, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 142, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 11.605, 324.996 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, 142, 159) }
```

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

```
.border{ border-color:rgb(159, 142, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 142, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 142, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 142, 159); box-shadow:4px 4px 4px 4px rgb(159, 142, 159) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 11.605, 324.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 142, 159) }
```

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

```
.background{ background-color: rgb(159,  
142, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor