

Converting Colors

CIELCh(61, 11.590, 337.898)

Have a look what the booklet for
CIELCh(61, 11.590, 337.898)
contains.

CIELCh(61, 11.609, 337.929)	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, 11.609, 337.929)

Conversions

Conversions Part 1

Format	Color
Hex	A38D9B
RGB	163, 141, 155
RGB Percent	64%, 55%, 61%
CMY	0.3604, 0.4466, 0.3917
CMYK	0.00, 0.13, 0.05, 0.36
HSL	322°, 11%, 60%
HSV	322°, 13%, 64%
XYZ	30.5914, 29.2481, 35.0897
YIQ	149.1740, 8.6180, 9.0180

Conversions

Conversions Part 2

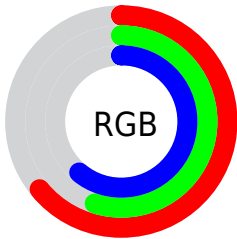
Format	Color
RYB	163, 141, 155
Decimal	10718619
CIELab	61.00, 10.76, -4.36
CIElCh	61, 11.609, 337.929
Yxy	29.2481, 0.3223, 0.3081
Android (android.graphics.Color)	4288908699 (0xFFA38D9B)
YUV	149.1740, 2.8722, 12.1254
Hunter-Lab	54.0815, 6.3263, -0.6120

Details

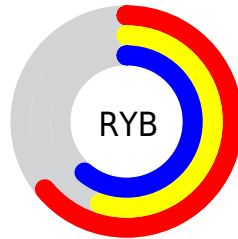
The CIELCh color $61, 11.609, 337.929$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 11.507, 156.000$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 11.251, 338.989$, and $41, 11.453, 337.617$ is the 20% darker color. If you saturate the color by 10%, you get $57, 20.327, 338.731$, and if you desaturate by 10%, it is $65, 2.977, 337.122$.

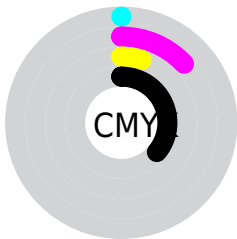
Distribution



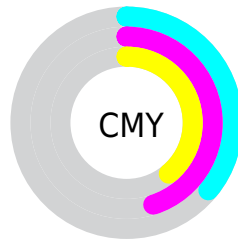
- Red (64%)
- Green (55%)
- Blue (61%)



- Red (64%)
- Yellow (55%)
- Blue (61%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 11.609, 337.929 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, 11.609, 337.929 by changing the saturation by 10% instead.


 61, 11.609,
337.929


 61, 11.609,
337.929


 100, 11.609,
337.929


 51, 11.609,
337.929


 81, 11.609,
337.929

 41, 11.609,
337.929

 91, 11.609,
337.929

 31, 11.609,
337.929

 21, 11.609,
337.929

 11, 11.609,
337.929

 1, 11.609, 337.929

 0, 11.609, 337.929

61, 11.609,
337.929

61, 11.609,
337.929

57, 20.327,
338.731

65, 2.977, 337.122

53, 28.995,
339.593

70, 5.473, 156.601

49, 37.393,
340.539

75, 13.697,
155.930

45, 45.222,
341.596

79, 21.670,
155.325

42, 52.099,
342.804

84, 29.388,
154.763

39, 57.604,
344.223

89, 36.857,
154.236


37, 61.366,
345.935


93, 43.926,
153.798

36, 63.201,

93, 41.721,
156.661

348.041

 93, 39.601,
159.818

 36, 63.780,
349.569

Harmonies

Complementary

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



61, 11.609, 337.929



65, 11.507, 156.000

Rectangle

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



61, 11.609, 337.929



61, 11.609, 27.929



61, 11.609, 157.929



61, 11.609, 207.929

Sweetspot

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



61, 11.607, 337.931



83, 4.223, 337.179



60, 12.817, 304.403



44, 3.027, 337.244



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, 11.607, 337.931



76, 17.056, 338.151



61, 8.915, 8.316



32, 4.853, 337.603



31, 58.720, 349.288



1, 7.190, 339.627

Inverse Universe

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



61, 11.607, 337.931



76, 17.056, 338.151



65, 8.393, 186.069



32, 4.853, 337.603



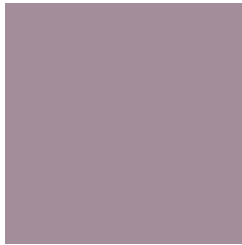
31, 58.720, 349.288



1, 7.190, 339.627

Previews

White Background



This preview shows how the CIELCh color 61, 11.609, 337.929 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, 11.609, 337.929 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, 11.609, 337.929

Background



This preview shows how black text looks on a background with the CIELCh color 61, 11.609, 337.929.



This preview shows how white text looks on a background with the CIELCh color 61, 11.609, 337.929.

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, 11.609, 337.929

Protanopia

61, 6.780, 294.107

Deuteranopia

61, 8.917, 331.076



Tritanopia
61, 10.249, 343.406

Trichromacy



Original Color
61, 11.609, 337.929

Protanomaly
61, 8.126, 315.808

Deuteranomaly
61, 10.112, 334.114

Tritanomaly
61, 10.586, 340.961

Monochromacy



Original Color
61, 11.609, 337.929

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 4.202, 337.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 11.609, 337.929 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(163, 141, 155)` looks like.

```
.text, #text, p{  
    color:rgb(163, 141, 155)  
}
```

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(163, 141, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 141, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 11.609, 337.929 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(163, 141, 155) }
```

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

```
.border{ border-color:rgb(163, 141, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 141, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 141, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 141, 155);  
box-shadow:4px 4px 4px 4px rgb(163, 141,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 11.609, 337.929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 141, 155) }
```

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

```
.background{ background-color: rgb(163,  
141, 155) }
```

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