

Converting Colors

CIELCh(61, 11.404, 341.845)

Have a look what the booklet for
CIELCh(61, 11.404, 341.845)
contains.

CIELCh(61, 11.544, 341.368)	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, 11.544, 341.368)

Conversions

Conversions Part 1

Format	Color
Hex	A48D9A
RGB	164, 141, 154
RGB Percent	64%, 55%, 60%
CMY	0.3571, 0.4473, 0.3963
CMYK	0.00, 0.14, 0.06, 0.36
HSL	326°, 11%, 60%
HSV	326°, 14%, 64%
XYZ	30.6398, 29.2481, 34.5748
YIQ	149.3590, 9.5350, 8.9190

Conversions

Conversions Part 2

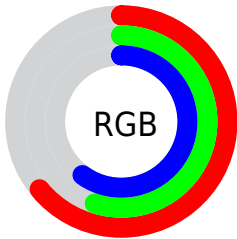
Format	Color
R _Y B	164, 141, 154
Decimal	10784154
CIE Lab	61.00, 10.94, -3.69
CIE LCh	61, 11.544, 341.368
Yxy	29.2481, 0.3244, 0.3096
Android (android.graphics.Color)	4288974234 (0xFFA48D9A)
YUV	149.3590, 2.2880, 12.8402
Hunter-Lab	54.0815, 6.4861, -0.0476

Details

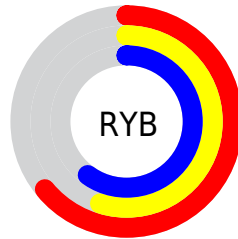
The CIELCh color **61, 11.544, 341.368** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 11.394, 159.212**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 11.202, 342.322**, and **41, 11.380, 341.406** is the 20% darker color. If you saturate the color by 10%, you get **57, 19.911, 342.255**, and if you desaturate by 10%, it is **66, 3.282, 340.503**.

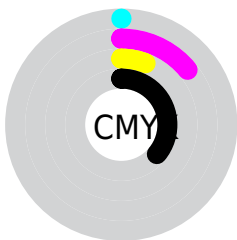
Distribution



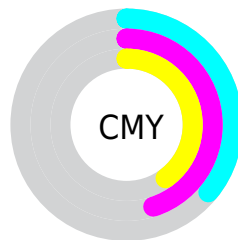
- Red (64%)
- Green (55%)
- Blue (60%)



- Red (64%)
- Yellow (55%)
- Blue (60%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (36%)





- Cyan (36%)
- Magenta (45%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 11.544, 341.368 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, 11.544, 341.368 by changing the saturation by 10% instead.

 61, 11.544,
341.368


 61, 11.544,
341.368


 100, 11.544,
341.368


 51, 11.544,
341.368


 81, 11.544,
341.368

 41, 11.544,
341.368

 91, 11.544,
341.368

 31, 11.544,
341.368

 21, 11.544,
341.368

 11, 11.544,
341.368

 1, 11.544, 341.368

 0, 11.544, 341.368

61, 11.544,
341.368

61, 11.544,
341.368

57, 19.911,
342.255

66, 3.282, 340.503

52, 28.250,
343.227

70, 4.788, 159.941

48, 36.350,
344.318

75, 12.624,
159.221

45, 43.917,
345.571

79, 20.207,
158.583

42, 50.574,
347.046

84, 27.535,
157.993

39, 55.907,
348.829

89, 34.616,
157.445

37, 59.560,
351.033

93, 41.065,
157.111

36, 61.378,

93, 38.550,
161.035

353.792

94, 36.198,
165.460

35, 62.011,
355.616

Harmonies

Complementary

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



61, 11.544, 341.368



65, 11.394, 159.212

Rectangle

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



61, 11.544, 341.368



61, 11.544, 31.368



61, 11.544, 161.368



61, 11.544, 211.368

Sweetspot

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



61, 11.542, 341.371



83, 4.053, 340.508



60, 13.575, 307.381



44, 2.877, 340.578



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, 11.542, 341.371



76, 17.439, 341.654



61, 9.205, 14.951



32, 4.616, 340.968



31, 56.863, 355.233



1, 6.856, 343.009

Inverse Universe

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



61, 11.542, 341.371



76, 17.439, 341.654



66, 8.521, 192.960



32, 4.616, 340.968



31, 56.863, 355.233



1, 6.856, 343.009

Previews

White Background



This preview shows how the CIELCh color 61, 11.544, 341.368 looks on a white background.

Color Contrast Check

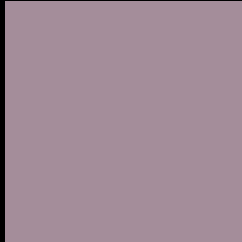
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.544, 341.368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

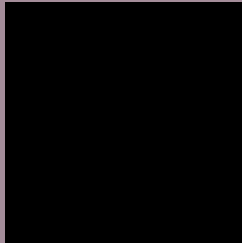
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 11.544, 341.368

Background



This preview shows how black text looks on a background with the CIELCh color 61, 11.544, 341.368.



This preview shows how white text looks on a background with the CIELCh color 61, 11.544, 341.368.

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, 11.544, 341.368

Protanopia

61, 6.218, 294.342

Deuteranopia

61, 8.771, 335.444



Tritanopia
61, 10.895, 346.007

Trichromacy



Original Color
61, 11.544, 341.368

Protanomaly
61, 7.622, 317.593

Deuteranomaly
61, 10.002, 338.013

Tritanomaly
61, 11.210, 343.618

Monochromacy



Original Color
61, 11.544, 341.368

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, 11.544, 341.368 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(164, 141, 154)` looks like.

```
.text, #text, p{  
    color:rgb(164, 141, 154)  
}
```

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(164, 141, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 141, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 11.544, 341.368 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(164, 141, 154) }
```

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

```
.border{ border-color:rgb(164, 141, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 141, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 141, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 141, 154); box-shadow:4px 4px 4px 4px rgb(164, 141, 154) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 11.544, 341.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 141, 154) }
```

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

```
.background{ background-color: rgb(164,  
141, 154) }
```

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