

Converting Colors

CIELCh(61, 9.532, 355.829)

Have a look what the booklet for
CIELCh(61, 9.532, 355.829) contains.

CIELCh(61, 9.489, 355.948)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(61, 9.489, 355.948)

Conversions

Conversions Part 1

Format	Color
Hex	A48E95
RGB	164, 142, 149
RGB Percent	64%, 56%, 58%
CMY	0.3583, 0.4446, 0.4171
CMYK	0.00, 0.13, 0.09, 0.36
HSL	341°, 11%, 60%
HSV	341°, 13%, 64%
XYZ	30.2464, 29.2481, 32.3312
YIQ	149.3760, 10.8650, 6.8410

Conversions

Conversions Part 2

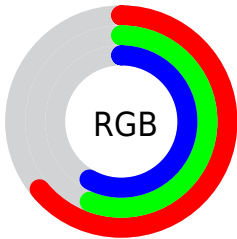
Format	Color
RYB	164, 142, 149
Decimal	10784405
CIELab	61.00, 9.47, -0.67
CIElCh	61, 9.489, 355.948
Yxy	29.2481, 0.3294, 0.3185
Android (android.graphics.Color)	4288974485 (0xFFA48E95)
YUV	149.3760, -0.1854, 12.8252
Hunter-Lab	54.0815, 5.1876, 2.4121

Details

The CIELCh color $61, 9.489, 355.948$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $65, 9.157, 173.531$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 9.288, 356.612$, and $41, 9.229, 357.622$ is the 20% darker color. If you saturate the color by 10%, you get $56, 16.834, 357.090$, and if you desaturate by 10%, it is $66, 2.382, 354.854$.

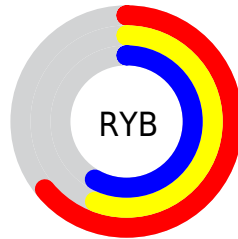
Distribution



Red (64%)

Green (56%)

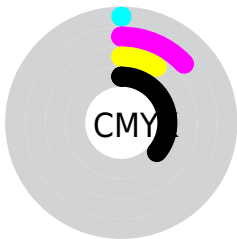
Blue (58%)



Red (64%)

Yellow (56%)

Blue (58%)

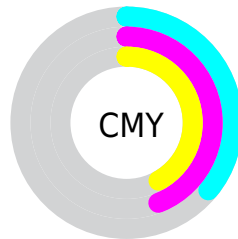


Cyan (0%)

Magenta (13%)

Yellow (9%)

Black (36%)



Cyan (36%)

Magenta (44%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 9.489, 355.948 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, 9.489, 355.948 by changing the saturation by 10% instead.

61, 9.489, 355.948

61, 9.489, 355.948

100, 9.489,
355.948

51, 9.489, 355.948

81, 9.489, 355.948

41, 9.489, 355.948

91, 9.489, 355.948

31, 9.489, 355.948

21, 9.489, 355.948

11, 9.489, 355.948

1, 9.489, 355.948

0, 9.489, 355.948

61, 9.489, 355.948

61, 9.489, 355.948

56, 16.834,

66, 2.382, 354.854

357.090

70, 4.440, 174.258

52, 24.335,
358.405

75, 10.964,
173.438

48, 31.840,
359.969

80, 17.196,
172.734

44, 39.121, 1.872

85, 23.152,
172.102

41, 45.876, 4.234

89, 28.850,
171.525

38, 51.770, 7.209

36, 56.536, 10.963

94, 33.704,
171.636

35, 60.120, 15.612

94, 30.961,
180.849

34, 62.236, 18.886

94, 29.057,
191.506

Harmonies

Complementary

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



61, 9.489, 355.948



65, 9.157, 173.531

Rectangle

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



61, 9.489, 355.948



61, 9.489, 45.948



61, 9.489, 175.948



61, 9.489, 225.948

Sweetspot

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



61, 9.487, 355.954



82, 3.422, 354.939



61, 13.625, 315.211



44, 2.455, 355.028



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, 9.487, 355.954



76, 14.003, 356.264



62, 7.603, 35.607



32, 3.954, 355.513



30, 56.907, 18.268



1, 5.953, 356.781

Inverse Universe

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



61, 9.487, 355.954



76, 14.003, 356.264



65, 6.978, 215.949



32, 3.954, 355.513



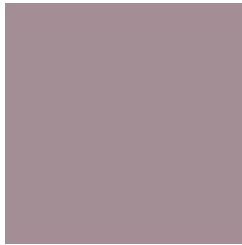
30, 56.907, 18.268



1, 5.953, 356.781

Previews

White Background



This preview shows how the CIELCh color 61, 9.489, 355.948 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, 9.489, 355.948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

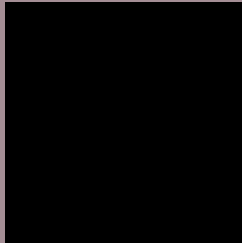
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 9.489, 355.948

Background



This preview shows how black text looks on a background with the CIELCh color 61, 9.489, 355.948.



This preview shows how white text looks on a background with the CIELCh color 61, 9.489, 355.948.

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, 9.489, 355.948

Protanopia

61, 2.393, 309.140

Deuteranopia

61, 7.607, 358.522



Tritanopia
61, 10.895, 346.007

Trichromacy



Original Color
61, 9.489, 355.948

Protanomaly
61, 4.503, 341.149

Deuteranomaly
61, 7.977, 359.626

Tritanomaly
61, 10.602, 348.536

Monochromacy



Original Color
61, 9.489, 355.948

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 3.551, 351.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 9.489, 355.948 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, 142, 149)` looks like.

```
.text, #text, p{  
    color:rgb(164, 142, 149)  
}
```

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, 142, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 142, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 9.489, 355.948 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, 142, 149) }
```

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

```
.border{ border-color:rgb(164, 142, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 142, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 142, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 142, 149);  
box-shadow:4px 4px 4px 4px rgb(164, 142,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 9.489, 355.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 142, 149) }
```

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

```
.background{ background-color: rgb(164,  
142, 149) }
```

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