

# Converting Colors

CIELCh(60, 14.430, 355.627)

Have a look what the booklet for  
CIELCh(60, 14.430, 355.627)  
contains.

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# Color

**CIELCh(60, 14.415, 355.598)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A98893
RGB	169, 136, 147
RGB Percent	66%, 53%, 58%
CMY	0.3375, 0.4669, 0.4238
CMYK	0.00, 0.20, 0.13, 0.34
HSL	340°, 16%, 60%
HSV	340°, 20%, 66%
XYZ	30.4053, 28.1233, 31.4038
YIQ	147.1210, 16.1370, 10.4170

# Conversions

## Conversions Part 2

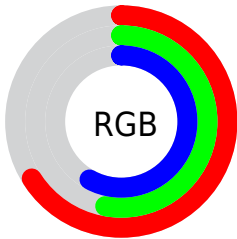
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">169, 136, 147</a>
Decimal	<a href="#">11110547</a>
CIELab	<a href="#">60.00, 14.37, -1.11</a>
CIELCh	<a href="#">60, 14.415, 355.598</a>
Yxy	<a href="#">28.1233, 0.3381, 0.3127</a>
Android (android.graphics.Color)	<a href="#">4289300627 (0xFFA98893)</a>
YUV	<a href="#">147.1210, -0.0597, 19.1879</a>
Hunter-Lab	<a href="#">53.0314, 9.5370, 2.0121</a>

# Details

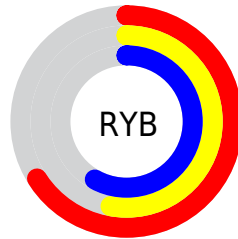
The CIELCh color  $60, 14.415, 355.598$  is a light color, and the websafe version is hex `CC9999`. A complement of this color would be  $67, 13.722, 171.897$ , and the grayscale version is  $61, 0.008, 296.813$ .

A 20% lighter version of the original color is  $80, 14.829, 355.238$ , and  $40, 14.375, 354.011$  is the 20% darker color. If you saturate the color by 10%, you get  $55, 22.102, 356.830$ , and if you desaturate by 10%, it is  $65, 6.912, 354.520$ .

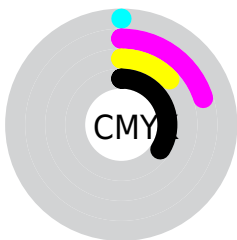
# Distribution



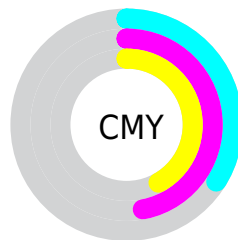
- Red (66%)
- Green (53%)
- Blue (58%)



- Red (66%)
- Yellow (53%)
- Blue (58%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (34%)




- Cyan (34%)
- Magenta (47%)
- Yellow (42%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 14.415, 355.598 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 60, 14.415, 355.598 by changing the saturation by 10% instead.




 60, 14.415,  
355.598


 60, 14.415,  
355.598


 100, 14.415,  
355.598


 50, 14.415,  
355.598


 80, 14.415,  
355.598

 40, 14.415,  
355.598

 90, 14.415,  
355.598


 30, 14.415,  
355.598

 20, 14.415,  
355.598

 10, 14.415,  
355.598

 0, 14.415, 355.598

 60, 14.415,

 60, 14.415,

355.598

355.598

55, 22.102,  
356.830

65, 6.912, 354.520

51, 29.846,  
358.273

69, 0.329, 174.907

74, 7.276, 172.895

47, 37.438, 0.009

79, 13.923,  
172.132

44, 44.587, 2.146

84, 20.278,  
171.456

41, 50.946, 4.823

89, 26.358,  
170.844

38, 56.190, 8.208

36, 60.156, 12.454

94, 32.183,  
170.284

35, 63.232, 17.411

35, 63.386, 17.639

94, 29.731,  
179.353

95, 27.728,



# Harmonies

# Complementary

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



60, 14.415, 355.598



67, 13.722, 171.897

# Rectangle

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



60, 14.415, 355.598



60, 14.415, 45.598



60, 14.415, 175.598



60, 14.415, 225.598

# Sweetspot

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



60, 14.413, 355.602



84, 5.347, 354.157



60, 20.453, 315.478



44, 3.545, 354.224



94, 0.011, 296.813



46, 0.006, 296.813





# Same Dimension

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



60, 14.413, 355.602



74, 21.113, 356.057



61, 11.632, 35.686



33, 4.090, 354.494



31, 57.336, 16.966



2, 7.155, 356.875



# Inverse Universe

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



60, 14.413, 355.602



74, 21.113, 356.057



65, 10.226, 216.096



33, 4.090, 354.494



31, 57.336, 16.966

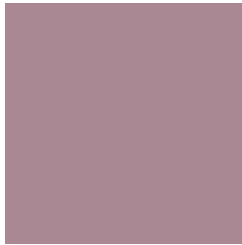


2, 7.155, 356.875



# Previews

## White Background



This preview shows how the CIELCh color 60, 14.415, 355.598 looks on a white background.

## Color Contrast Check

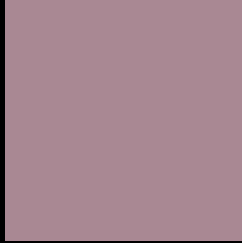
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 14.415, 355.598 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

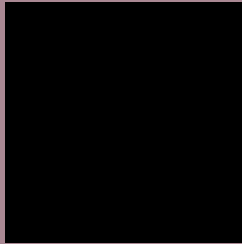
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# CIELCh 60, 14.415, 355.598

## Background



This preview shows how black text looks on a background with the CIELCh color 60, 14.415, 355.598.



This preview shows how white text looks on a background with the CIELCh color 60, 14.415, 355.598.

# 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**  
60, 14.415, 355.598

**Protanopia**  
60, 4.544, 295.495

**Deuteranopia**  
60, 7.849, 354.704





**Tritanopia**  
60, 14.415, 355.598

# Trichromacy



**Original Color**  
60, 14.415, 355.598

**Protanomaly**  
60, 7.184, 335.125

**Deuteranomaly**  
60, 9.890, 356.983

**Tritanomaly**  
60, 14.415, 355.598

# Monochromacy



**Original Color**  
60, 14.415, 355.598

**Achromatopsia**  
61, 0.008, 296.813

**Achromatomaly**  
61, 5.216, 354.323

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 60, 14.415, 355.598 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(169, 136, 147)` looks like.

```
.text, #text, p{  
    color:rgb(169, 136, 147)  
}
```

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(169, 136, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 136, 147) }
```

## Border

The CSS property to change the border of an element to CIELCh 60, 14.415, 355.598 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(169, 136, 147) }
```

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

```
.border{ border-color:rgb(169, 136, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 136, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 136, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 136, 147);  
box-shadow:4px 4px 4px 4px rgb(169, 136,  
147) }
```

# Background

The CSS property to change the background color of an element to CIELCh 60, 14.415, 355.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 136, 147) }
```

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

```
.background{ background-color: rgb(169,  
136, 147) }
```

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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