

# Converting Colors

CIELCh(53, 14.059, 339.309)

Have a look what the booklet for  
CIELCh(53, 14.059, 339.309)  
contains.

<b>CIELCh(53, 14.153, 340.378)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	21
<b><i>Color Blindness Simulation</i></b> .....	24
<b><i>CSS Examples</i></b> .....	27

**Color**

**CIELCh(53, 14.153, 340.378)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	927787
RGB	146, 119, 135
RGB Percent	57%, 47%, 53%
CMY	0.4275, 0.5334, 0.4707
CMYK	0.00, 0.18, 0.08, 0.43
HSL	324°, 11%, 52%
HSV	324°, 18%, 57%
XYZ	22.8161, 21.0462, 25.7734
YIQ	128.8970, 10.9560, 10.7000

# Conversions

## Conversions Part 2

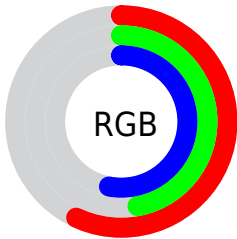
<b>Format</b>	<b>Color</b>
<b>RYB</b>	146, 119, 135
Decimal	9598855
CIELab	53.00, 13.33, -4.75
CIELCh	53, 14.153, 340.378
Yxy	21.0462, 0.3276, 0.3022
Android (android.graphics.Color)	4287788935 (0xFF927787)
YUV	128.8970, 3.0088, 14.9993
Hunter-Lab	45.8761, 8.4921, -1.1961

# Details

The CIELCh color  $53, 14.153, 340.378$  is a dark color, and the websafe version is hex  $996666$ . A complement of this color would be  $58, 13.952, 157.541$ , and the grayscale version is  $54, 0.007, 296.813$ .

A 20% lighter version of the original color is  $73, 14.241, 340.386$ , and  $33, 14.269, 340.584$  is the 20% darker color. If you saturate the color by 10%, you get  $49, 21.898, 341.253$ , and if you desaturate by 10%, it is  $57, 6.445, 339.562$ .

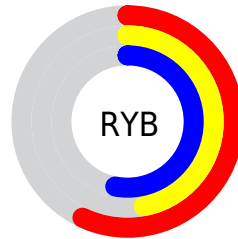
# Distribution



Red (57%)

Green (47%)

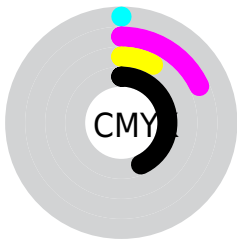
Blue (53%)



Red (57%)

Yellow (47%)

Blue (53%)

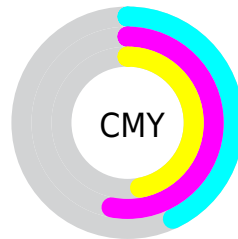


Cyan (0%)

Magenta (18%)

Yellow (8%)

Black (43%)



Cyan (43%)

Magenta (53%)


Yellow (47%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 14.153, 340.378 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 53, 14.153, 340.378 by changing the saturation by 10% instead.





 53, 14.153,  
340.378


 53, 14.153,  
340.378


 100, 14.153,  
340.378


 43, 14.153,  
340.378


 73, 14.153,  
340.378


 33, 14.153,  
340.378

 83, 14.153,  
340.378

 23, 14.153,  
340.378

 93, 14.153,  
340.378

 13, 14.153,  
340.378

 3, 14.153, 340.378

 0, 14.153, 340.378

53, 14.153,  
340.378

53, 14.153,  
340.378

49, 21.898,  
341.253

57, 6.445, 339.562

45, 29.535,  
342.215

61, 1.123, 159.141

65, 8.499, 158.234

42, 36.838,  
343.293

70, 15.654,  
157.587

39, 43.510,  
344.529

74, 22.580,  
156.992

36, 49.190,  
345.982

78, 29.278,  
156.438

34, 53.512,  
347.736

82, 35.758,  
155.921

32, 56.204,  
349.900

87, 42.031,  
155.436

31, 57.484,

352.496

■ 91, 48.113,  
154.982

■ 31, 57.670,  
352.892

# Harmonies

# Complementary

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



53, 14.153, 340.378



58, 13.952, 157.541

# Rectangle

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



53, 14.153, 340.378



53, 14.153, 30.378



53, 14.153, 160.378



53, 14.153, 210.378

# Sweetspot

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



53, 14.151, 340.380



73, 5.601, 339.366



52, 16.298, 306.453



38, 3.705, 339.413



88, 0.010, 296.813



40, 0.006, 296.813





# Same Dimension

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



53, 14.151, 340.380



65, 20.803, 340.716



53, 11.230, 12.747



29, 4.336, 339.621



29, 55.322, 352.711



1, 3.758, 338.978



# Inverse Universe

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



53, 14.151, 340.380



65, 20.803, 340.716



58, 10.215, 189.800



29, 4.336, 339.621



29, 55.322, 352.711

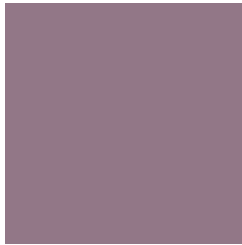


1, 3.758, 338.978



# Previews

## White Background



This preview shows how the CIELCh color 53, 14.153, 340.378 looks on a white background.

## Color Contrast Check

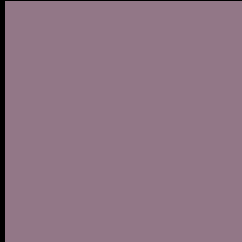
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 14.153, 340.378 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

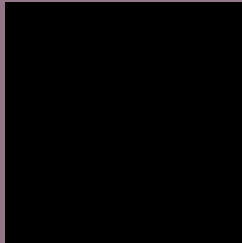
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# CIELCh 53, 14.153, 340.378

## Background



This preview shows how black text looks on a background with the CIELCh color 53, 14.153, 340.378.



This preview shows how white text looks on a background with the CIELCh color 53, 14.153, 340.378.

# 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

53, 14.153, 340.378


### Protanopia

53, 7.528, 288.216

### Deuteranopia

53, 8.206, 329.493





**Tritanopia**  
53, 11.340, 353.542

# Trichromacy



**Original Color**  
53, 14.153, 340.378

**Protanomaly**  
53, 9.562, 315.093

**Deuteranomaly**  
53, 9.972, 336.526

**Tritanomaly**  
53, 11.869, 348.527

# Monochromacy



**Original Color**  
53, 14.153, 340.378

**Achromatopsia**  
54, 0.007, 296.813

**Achromatomaly**  
53, 5.295, 339.116

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 53, 14.153, 340.378 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(146, 119, 135)` looks like.

```
.text, #text, p{  
    color:rgb(146, 119, 135)  
}
```

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(146, 119, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 119, 135) }
```

## Border

The CSS property to change the border of an element to CIELCh 53, 14.153, 340.378 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(146, 119, 135) }
```

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

```
.border{ border-color:rgb(146, 119, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 119, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 119, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 119, 135);  
box-shadow:4px 4px 4px 4px rgb(146, 119,  
135) }
```

# Background

The CSS property to change the background color of an element to CIELCh 53, 14.153, 340.378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 119, 135) }
```

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

```
.background{ background-color: rgb(146,  
119, 135) }
```

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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