

Converting Colors

CIELCh(53, 32.545, 340.807)

Have a look what the booklet for
CIELCh(53, 32.545, 340.807)
contains.

CIELCh(53, 32.498, 340.249)	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(53, 32.498, 340.249)

Conversions

Conversions Part 1

Format	Color
Hex	A96B92
RGB	169, 107, 146
RGB Percent	66%, 42%, 57%
CMY	0.3370, 0.5802, 0.4272
CMYK	0.00, 0.37, 0.14, 0.34
HSL	322°, 27%, 54%
HSV	322°, 37%, 66%
XYZ	26.8318, 21.0462, 29.8659
YIQ	129.9840, 24.4330, 25.2730

Conversions

Conversions Part 2

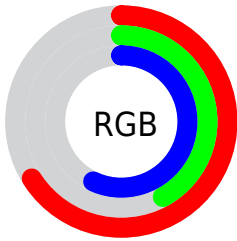
Format	Color
R_{YB}	169, 107, 146
Decimal	11103122
CIE _{Lab}	53.00, 30.59, -10.98
CIE _{LCh}	53, 32.498, 340.249
Yxy	21.0462, 0.3451, 0.2707
Android (android.graphics.Color)	4289293202 (0xFFA96B92)
YUV	129.9840, 7.8959, 34.2170
Hunter-Lab	45.8761, 24.1170, -6.4852

Details

The CIELCh color **53, 32.498, 340.249** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **64, 31.859, 154.097**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 32.685, 340.004**, and **33, 32.334, 340.964** is the 20% darker color. If you saturate the color by 10%, you get **49, 40.955, 341.246**, and if you desaturate by 10%, it is **57, 23.672, 339.349**.

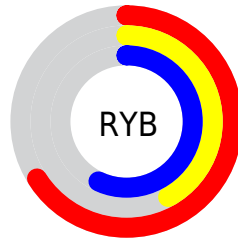
Distribution



Red (66%)

Green (42%)

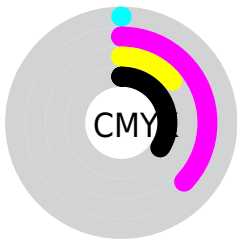
Blue (57%)



Red (66%)

Yellow (42%)

Blue (57%)

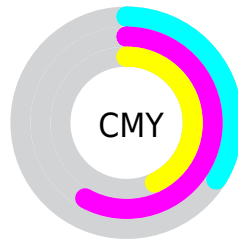


Cyan (0%)

Magenta (37%)

Yellow (14%)

Black (34%)



Cyan (34%)


Magenta (58%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 32.498, 340.249 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, 32.498, 340.249 by changing the saturation by 10% instead.


 53, 32.498,
340.249


 53, 32.498,
340.249


 100, 32.498,
340.249


 43, 32.498,
340.249


 73, 32.498,
340.249

 33, 32.498,
340.249

 83, 32.498,
340.249

 23, 32.498,
340.249

 93, 32.498,
340.249

 13, 32.498,
340.249

 3, 32.498, 340.249

 0, 32.498, 340.249

53, 32.498,
340.249

53, 32.498,
340.249

49, 40.955,
341.246

57, 23.672,
339.349

46, 48.708,
342.371

62, 14.733,
338.520

43, 55.343,
343.674

66, 5.849, 337.730

40, 60.427,
345.224

71, 2.872, 157.191

38, 63.625,
347.114

76, 11.370,
156.452


37, 64.918,
349.433

80, 19.615,
155.827

37, 65.207,
350.248

85, 27.597,
155.248

90, 35.319,
154.707

 94, 40.366,
155.112

Harmonies

Complementary

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



53, 32.498, 340.249



64, 31.859, 154.097

Rectangle

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



53, 32.498, 340.249



53, 32.498, 30.249



53, 32.498, 160.249



53, 32.498, 210.249

Sweetspot

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



53, 32.496, 340.250



81, 11.961, 338.087



50, 37.288, 306.518



42, 8.033, 338.188



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



53, 32.496, 340.250



64, 47.835, 341.050



52, 26.492, 12.606



33, 4.953, 337.937



32, 59.227, 349.919



2, 8.478, 340.995

Inverse Universe

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



53, 32.496, 340.250



64, 47.835, 341.050



65, 21.996, 185.401



33, 4.953, 337.937



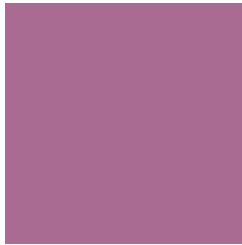
32, 59.227, 349.919



2, 8.478, 340.995

Previews

White Background



This preview shows how the CIELCh color 53, 32.498, 340.249 looks on a white background.

Color Contrast Check

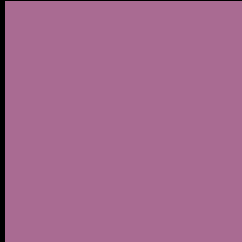
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 53, 32.498, 340.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

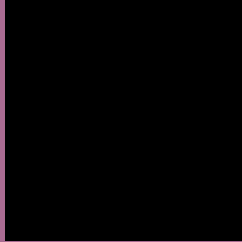
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 32.498, 340.249

Background



This preview shows how black text looks on a background with the CIELCh color 53, 32.498, 340.249.



This preview shows how white text looks on a background with the CIELCh color 53, 32.498, 340.249.

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, 32.498, 340.249

Protanopia

53, 19.172, 285.139

Deuteranopia

53, 11.461, 306.903



Tritanopia
53, 22.945, 10.826

Trichromacy



Original Color
53, 32.498, 340.249

Protanomaly
53, 21.458, 310.596

Deuteranomaly
53, 18.338, 326.443

Tritanomaly
53, 25.428, 357.454

Monochromacy



Original Color
53, 32.498, 340.249

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 11.890, 338.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 32.498, 340.249 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, 107, 146)` looks like.

```
.text, #text, p{  
    color:rgb(169, 107, 146)  
}
```

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, 107, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 107, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 32.498, 340.249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

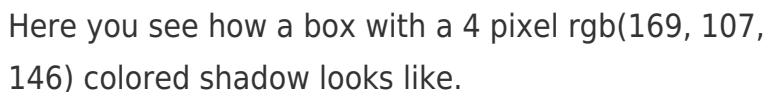
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 107, 146) }
```

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

```
.border{ border-color:rgb(169, 107, 146) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 107, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 107, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 107, 146); box-shadow:4px 4px 4px 4px rgb(169, 107, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 32.498, 340.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 107, 146) }
```

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

```
.background{ background-color: rgb(169,  
107, 146) }
```

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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