

Converting Colors

CIELCh(53, 37.952, 339.530)

Have a look what the booklet for
CIELCh(53, 37.952, 339.530)
contains.

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Color

CIELCh(53, 37.952, 339.530)

Conversions

Conversions Part 1

Format	Color
Hex	AF6796
RGB	175, 103, 150
RGB Percent	69%, 40%, 59%
CMY	0.3134, 0.5957, 0.4114
CMYK	0.00, 0.41, 0.14, 0.31
HSL	321°, 31%, 55%
HSV	321°, 41%, 69%
XYZ	28.0699, 21.0462, 31.4730
YIQ	129.8860, 27.8250, 29.8810

Conversions

Conversions Part 2

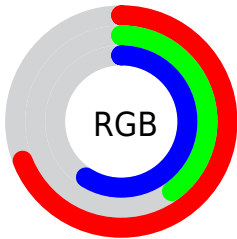
Format	Color
R_{YB}	175, 103, 150
Decimal	11495318
CIE _{Lab}	53.00, 35.56, -13.27
CIE _{LCh}	53, 37.952, 339.530
Yxy	21.0462, 0.3483, 0.2612
Android (android.graphics.Color)	4289685398 (0xFFAF6796)
YUV	129.8860, 9.9162, 39.5650
Hunter-Lab	45.8761, 28.9344, -8.5623

Details

The CIELCh color **53, 37.952, 339.530** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **66, 37.307, 152.588**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 37.660, 339.826**, and **33, 38.051, 339.687** is the 20% darker color. If you saturate the color by 10%, you get **49, 46.476, 340.529**, and if you desaturate by 10%, it is **57, 28.880, 338.628**.

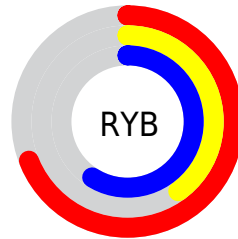
Distribution



Red (69%)

Green (40%)

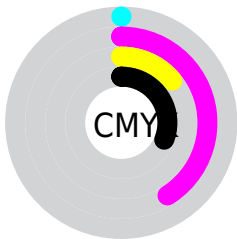
Blue (59%)



Red (69%)

Yellow (40%)

Blue (59%)

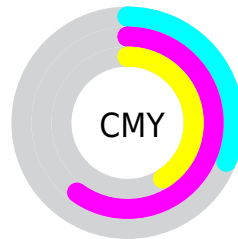


Cyan (0%)

Magenta (41%)

Yellow (14%)

Black (31%)



Cyan (31%)


Magenta (60%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 37.952, 339.530 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, 37.952, 339.530 by changing the saturation by 10% instead.


 53, 37.952,
339.530


 53, 37.952,
339.530


 100, 37.952,
339.530


 43, 37.952,
339.530


 73, 37.952,
339.530

 33, 37.952,
339.530

 83, 37.952,
339.530

 23, 37.952,
339.530

 93, 37.952,
339.530

 13, 37.952,
339.530

 3, 37.952, 339.530

 0, 37.952, 339.530

53, 37.952,
339.530

53, 37.952,
339.530

49, 46.476,
340.529

57, 28.880,
338.628

46, 54.065,
341.657

62, 19.572,
337.799

43, 60.267,
342.966

66, 10.242,
337.021

41, 64.663,
344.527

71, 1.030, 336.030

76, 7.978, 155.717


39, 67.001,
346.433

81, 16.736,
155.074

38, 67.739,
348.409

86, 25.226,
154.484

91, 33.443,
153.933

 94, 38.108,
154.619

Harmonies

Complementary

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



53, 37.952, 339.530



66, 37.307, 152.588

Rectangle

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



53, 37.952, 339.530



53, 37.952, 29.530



53, 37.952, 159.530



53, 37.952, 209.530

Sweetspot

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



53, 37.950, 339.531



83, 13.655, 337.104



49, 43.171, 305.794



44, 9.139, 337.201



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



53, 37.950, 339.531



64, 55.147, 340.395



52, 30.896, 10.841



34, 5.164, 336.881



33, 60.722, 348.080



2, 10.117, 340.629

Inverse Universe

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



53, 37.950, 339.531



64, 55.147, 340.395



67, 25.487, 182.107



34, 5.164, 336.881



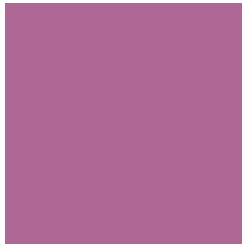
33, 60.722, 348.080



2, 10.117, 340.629

Previews

White Background



This preview shows how the CIELCh color 53, 37.952, 339.530 looks on a white background.

Color Contrast Check

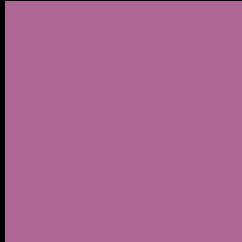
Large Text (above 18pt) WCAG AA ✓ Pass

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, 37.952, 339.530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

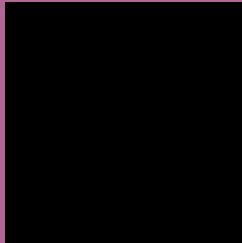
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 37.952, 339.530

Background



This preview shows how black text looks on a background with the CIELCh color 53, 37.952, 339.530.



This preview shows how white text looks on a background with the CIELCh color 53, 37.952, 339.530.

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, 37.952, 339.530

Protanopia

53, 23.263, 284.578

Deuteranopia

53, 12.981, 301.718



Tritanopia
53, 26.426, 11.641

Trichromacy



Original Color
53, 37.952, 339.530

Protanomaly
53, 25.425, 308.700

Deuteranomaly
53, 21.342, 324.650

Tritanomaly
53, 29.158, 356.589

Monochromacy



Original Color
53, 37.952, 339.530

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 14.212, 337.466

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 37.952, 339.530 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(175, 103, 150)` looks like.

```
.text, #text, p{  
    color:rgb(175, 103, 150)  
}
```

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(175, 103, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 103, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 37.952, 339.530 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(175, 103, 150) }
```

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

```
.border{ border-color:rgb(175, 103, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 103, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 103, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 103, 150);  
box-shadow:4px 4px 4px 4px rgb(175, 103,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 37.952, 339.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 103, 150) }
```

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

```
.background{ background-color: rgb(175,  
103, 150) }
```

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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