

Converting Colors

CIELCh(53, 38.428, 338.607)

Have a look what the booklet for
CIELCh(53, 38.428, 338.607)
contains.

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Color

CIELCh(53, 38.298, 338.870)

Conversions

Conversions Part 1

Format	Color
Hex	AF6797
RGB	175, 103, 151
RGB Percent	69%, 40%, 59%
CMY	0.3138, 0.5961, 0.4079
CMYK	0.00, 0.41, 0.14, 0.31
HSL	320°, 31%, 55%
HSV	320°, 41%, 69%
XYZ	28.1123, 21.0462, 31.8554
YIQ	130.0000, 27.5040, 30.1920

Conversions

Conversions Part 2

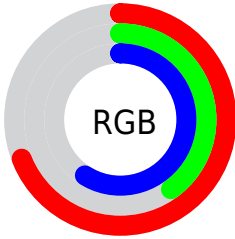
Format	Color
R_{YB}	175, 103, 151
Decimal	11495319
CIE _{Lab}	53.00, 35.72, -13.81
CIE _{LCh}	53, 38.298, 338.870
Yxy	21.0462, 0.3470, 0.2598
Android (android.graphics.Color)	4289685399 (0xFFAF6797)
YUV	130.0000, 10.3530, 39.4650
Hunter-Lab	45.8761, 29.0993, -9.0565

Details

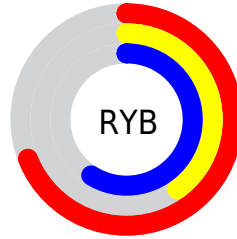
The CIELCh color **53, 38.298, 338.870** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **66, 37.720, 152.022**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 37.989, 339.198**, and **33, 38.410, 338.968** is the 20% darker color. If you saturate the color by 10%, you get **49, 46.882, 339.837**, and if you desaturate by 10%, it is **57, 29.156, 337.992**.

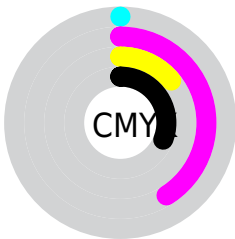
Distribution



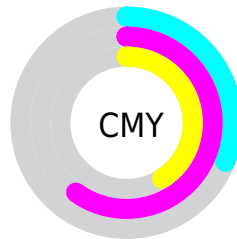
- Red (69%)
- Green (40%)
- Blue (59%)



- 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, 38.298, 338.870 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, 38.298, 338.870 by changing the saturation by 10% instead.


 53, 38.298,
338.870


 53, 38.298,
338.870


 100, 38.298,
338.870


 43, 38.298,
338.870


 73, 38.298,
338.870

 33, 38.298,
338.870

 83, 38.298,
338.870

 23, 38.298,
338.870

 93, 38.298,
338.870

 13, 38.298,
338.870

 3, 38.298, 338.870

 0, 38.298, 338.870

■ 53, 38.298,
338.870

■ 53, 38.298,
338.870

■ 49, 46.882,
339.837

■ 57, 29.156,
337.992

■ 46, 54.518,
340.923

■ 62, 19.770,
337.180

■ 43, 60.755,
342.175

■ 66, 10.357,
336.415

■ 41, 65.172,
343.658

■ 71, 1.058, 335.447

■ 76, 8.040, 155.129

■ 39, 67.518,
345.459

■ 81, 16.888,
154.492

■ 39, 68.250,
347.315

■ 86, 25.467,
153.907

■ 90, 33.773,
153.361

 94, 38.625,
153.950

Harmonies

Complementary

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



53, 38.298, 338.870



66, 37.720, 152.022

Rectangle

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



53, 38.298, 338.870



53, 38.298, 28.870



53, 38.298, 158.870



53, 38.298, 208.870

Sweetspot

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



53, 38.296, 338.871



83, 13.791, 336.496



49, 43.172, 305.796



44, 9.230, 336.591



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, 38.296, 338.871



64, 55.638, 339.706



52, 30.897, 10.844



34, 5.215, 336.277



33, 61.206, 347.007



2, 10.225, 339.900

Inverse Universe

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



53, 38.296, 338.871



64, 55.638, 339.706



67, 25.485, 182.105



34, 5.215, 336.277



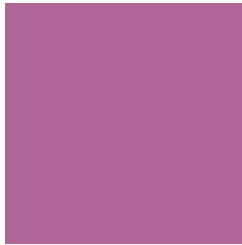
33, 61.206, 347.007



2, 10.225, 339.900

Previews

White Background



This preview shows how the CIELCh color 53, 38.298, 338.870 looks on a white background.

Color Contrast Check

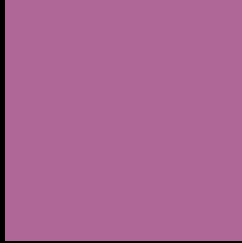
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.298, 338.870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

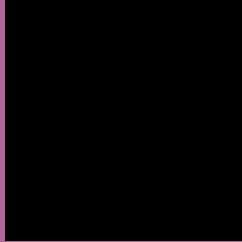
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 38.298, 338.870

Background



This preview shows how black text looks on a background with the CIELCh color 53, 38.298, 338.870.



This preview shows how white text looks on a background with the CIELCh color 53, 38.298, 338.870.

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, 38.298, 338.870

Protanopia
53, 24.396, 285.958

Deuteranopia
53, 13.550, 301.331



Tritanopia
53, 25.948, 12.619

Trichromacy



Original Color
53, 38.298, 338.870

Protanomaly
53, 26.652, 308.834

Deuteranomaly
53, 21.818, 323.815

Tritanomaly
53, 29.158, 356.589

Monochromacy



Original Color
53, 38.298, 338.870

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 14.600, 335.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 38.298, 338.870 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(175, 103, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 103, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 38.298, 338.870 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, 151) }
```

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

```
.border{ border-color:rgb(175, 103, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 103, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 103, 151); box-shadow:4px 4px 4px 4px rgb(175, 103, 151) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 38.298, 338.870 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, 151) }
```

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

```
.background{ background-color: rgb(175,  
103, 151) }
```

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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