

Converting Colors

CIELCh(52, 39.963, 337.968)

Have a look what the booklet for
CIELCh(52, 39.963, 337.968)
contains.

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Color

CIELCh(52, 39.963, 337.968)

Conversions

Conversions Part 1

Format	Color
Hex	AD6396
RGB	173, 99, 150
RGB Percent	68%, 39%, 59%
CMY	0.3199, 0.6102, 0.4102
CMYK	0.00, 0.43, 0.13, 0.32
HSL	319°, 31%, 53%
HSV	319°, 43%, 68%
XYZ	27.3624, 20.1443, 31.4691
YIQ	126.9400, 27.7330, 31.5490

Conversions

Conversions Part 2

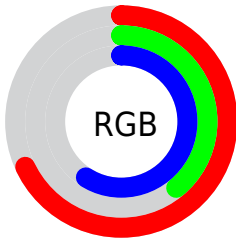
Format	Color
R_{YB}	173, 99, 150
Decimal	11363222
CIE _{Lab}	52.00, 37.04, -14.99
CIE _{LCh}	52, 39.963, 337.968
Yxy	20.1443, 0.3465, 0.2551
Android (android.graphics.Color)	4289553302 (0xFFAD6396)
YUV	126.9400, 11.3686, 40.3946
Hunter-Lab	44.8824, 30.2778, -10.1532

Details

The CIELCh color $52, 39.963, 337.968$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $65, 39.479, 150.963$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 40.223, 338.125$, and $32, 39.983, 338.101$ is the 20% darker color. If you saturate the color by 10%, you get $48, 48.473, 338.899$, and if you desaturate by 10%, it is $56, 30.829, 337.116$.

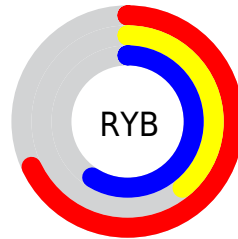
Distribution



Red (68%)

Green (39%)

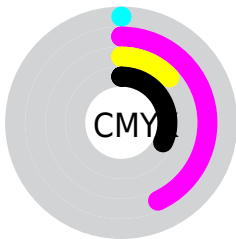
Blue (59%)



Red (68%)

Yellow (39%)

Blue (59%)

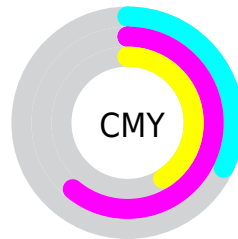


Cyan (0%)

Magenta (43%)

Yellow (13%)

Black (32%)



Cyan (32%)


Magenta (61%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 39.963, 337.968 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 52, 39.963, 337.968 by changing the saturation by 10% instead.


 52, 39.963,
337.968

 52, 39.963,
337.968


 100, 39.963,
337.968


 42, 39.963,
337.968

 72, 39.963,
337.968

 32, 39.963,
337.968

 82, 39.963,
337.968

 22, 39.963,
337.968

 92, 39.963,
337.968

 12, 39.963,
337.968

 2, 39.963, 337.968

 0, 39.963, 337.968

■ 52, 39.963,
337.968

■ 52, 39.963,
337.968

■ 48, 48.473,
338.899

■ 56, 30.829,
337.116

■ 45, 55.960,
339.937

■ 60, 21.400,
336.325

■ 42, 61.971,
341.124

■ 65, 11.907,
335.578

■ 40, 66.105,
342.520

■ 70, 2.505, 334.790

■ 39, 68.151,
344.203


■ 74, 6.711, 154.310

■ 38, 68.723,
345.594

■ 79, 15.685,
153.673

■ 84, 24.394,
153.091

■ 89, 32.829,
152.546

 94, 40.722,
152.119

Harmonies

Complementary

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



52, 39.963, 337.968



65, 39.479, 150.963

Rectangle

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



52, 39.963, 337.968



52, 39.963, 27.968



52, 39.963, 157.968



52, 39.963, 207.968

Sweetspot

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



52, 39.961, 337.969



82, 15.051, 335.617



47, 44.459, 304.878



42, 10.533, 335.775



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



52, 39.961, 337.969



62, 57.968, 338.821



51, 31.982, 8.593



34, 5.299, 335.330



33, 62.034, 345.333



2, 10.406, 338.737

Inverse Universe

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



52, 39.961, 337.969



62, 57.968, 338.821



66, 26.697, 179.176



34, 5.299, 335.330



33, 62.034, 345.333



2, 10.406, 338.737

Previews

White Background



This preview shows how the CIELCh color 52, 39.963, 337.968 looks on a white background.

Color Contrast Check

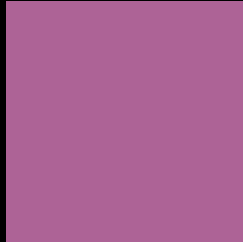
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 39.963, 337.968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

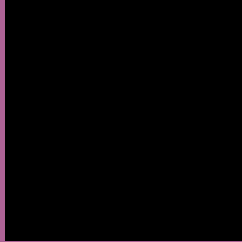
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 39.963, 337.968

Background



This preview shows how black text looks on a background with the CIELCh color 52, 39.963, 337.968.

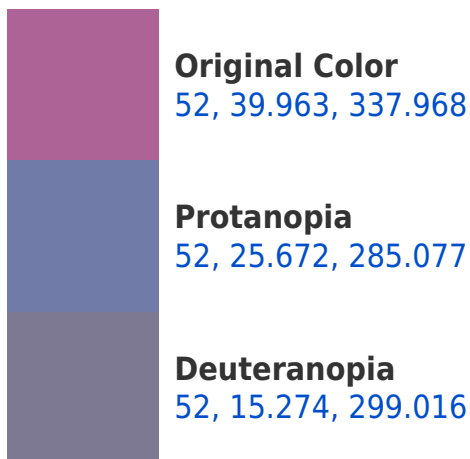


This preview shows how white text looks on a background with the CIELCh color 52, 39.963, 337.968.

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





Tritanopia
52, 26.491, 12.937

Trichromacy



Original Color
52, 39.963, 337.968

Protanomaly
51, 28.422, 307.968

Deuteranomaly
52, 23.360, 321.556

Tritanomaly
52, 30.160, 356.497

Monochromacy



Original Color
52, 39.963, 337.968

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 15.328, 335.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 39.963, 337.968 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(173, 99, 150)` looks like.

```
.text, #text, p{  
    color:rgb(173, 99, 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(173, 99, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 99, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 39.963, 337.968 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(173, 99, 150) }
```

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

```
.border{ border-color:rgb(173, 99, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 99, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 99, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 99, 150);  
box-shadow:4px 4px 4px 4px rgb(173, 99,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 39.963, 337.968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 99, 150) }
```

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

```
.background{ background-color: rgb(173, 99,  
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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