

Converting Colors

CIELCh(52, 38.705, 356.103)

Have a look what the booklet for
CIELCh(52, 38.705, 356.103)
contains.

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Color

CIELCh(52, 38.609, 356.049)

Conversions

Conversions Part 1

Format	Color
Hex	B76182
RGB	183, 97, 130
RGB Percent	72%, 38%, 51%
CMY	0.2834, 0.6205, 0.4911
CMYK	0.00, 0.47, 0.29, 0.28
HSL	337°, 37%, 55%
HSV	337°, 47%, 72%
XYZ	27.7302, 20.1443, 23.4610
YIQ	126.4760, 40.6630, 28.4950

Conversions

Conversions Part 2

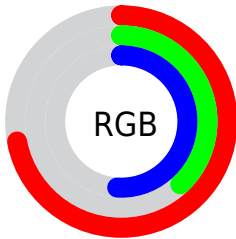
Format	Color
R_{YB}	183, 97, 130
Decimal	12018050
CIE _{Lab}	52.00, 38.52, -2.66
CIE _{LCh}	52, 38.609, 356.049
Yxy	20.1443, 0.3887, 0.2824
Android (android.graphics.Color)	4290208130 (0xFFB76182)
YUV	126.4760, 1.7373, 49.5715
Hunter-Lab	44.8824, 31.7404, 0.4256

Details

The CIELCh color **52, 38.609, 356.049** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **68, 35.037, 165.429**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 38.478, 356.108**, and **32, 38.701, 355.548** is the 20% darker color. If you saturate the color by 10%, you get **48, 46.320, 357.958**, and if you desaturate by 10%, it is **56, 30.410, 354.480**.

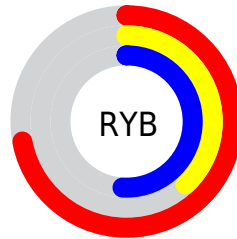
Distribution



Red (72%)

Green (38%)

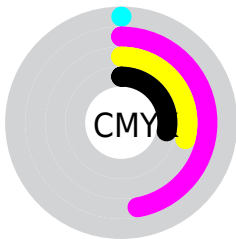
Blue (51%)



Red (72%)

Yellow (38%)

Blue (51%)

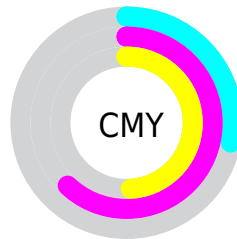


Cyan (0%)

Magenta (47%)

Yellow (29%)

Black (28%)



Cyan (28%)


Magenta (62%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 38.609, 356.049 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, 38.609, 356.049 by changing the saturation by 10% instead.

 52, 38.609,
356.049


 52, 38.609,
356.049

 100, 38.609,
356.049

 42, 38.609,
356.049


 72, 38.609,
356.049

 32, 38.609,
356.049

 82, 38.609,
356.049

 22, 38.609,
356.049

 92, 38.609,
356.049

 12, 38.609,
356.049

 2, 38.609, 356.049

 0, 38.609, 356.049

■ 52, 38.609,
356.049

■ 52, 38.609,
356.049

■ 48, 46.320,
357.958

■ 56, 30.410,
354.480

■ 45, 53.163, 0.328

■ 61, 22.041,
353.157

■ 42, 58.745, 3.319

■ 66, 13.720,
352.013

■ 40, 62.812, 7.105

■ 39, 65.482, 11.769

■ 71, 5.584, 350.978

■ 39, 66.241, 13.190

■ 76, 2.290, 170.357

■ 81, 9.865, 169.428

■ 86, 17.135,
168.695

■ 91, 24.105,
168.037

■ 95, 27.450,
171.052

Harmonies

Complementary

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



52, 38.609, 356.049



68, 35.037, 165.429

Rectangle

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



52, 38.609, 356.049



52, 38.609, 46.049



52, 38.609, 176.049



52, 38.609, 226.049

Sweetspot

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



52, 38.606, 356.051



85, 13.868, 351.715



50, 52.725, 314.559



44, 9.683, 351.942



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



52, 38.606, 356.051



62, 56.209, 357.934



53, 35.076, 31.408



36, 4.523, 351.213



33, 58.717, 12.457



2, 11.546, 357.289

Inverse Universe

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



52, 38.606, 356.051



62, 56.209, 357.934



67, 24.582, 208.773



36, 4.523, 351.213



33, 58.717, 12.457



2, 11.546, 357.289

Previews

White Background



This preview shows how the CIELCh color 52, 38.609, 356.049 looks on a white background.

Color Contrast Check

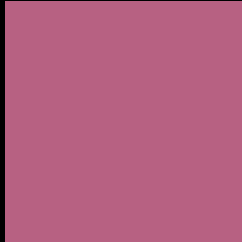
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 38.609, 356.049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

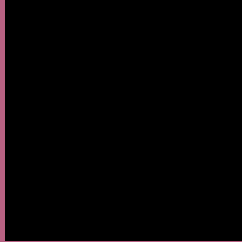
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 38.609, 356.049

Background



This preview shows how black text looks on a background with the CIELCh color 52, 38.609, 356.049.



This preview shows how white text looks on a background with the CIELCh color 52, 38.609, 356.049.

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

52, 38.609, 356.049

Protanopia

52, 13.384, 287.121

Deuteranopia

52, 6.716, 354.652



Tritanopia
52, 34.443, 17.445

Trichromacy



Original Color
52, 38.609, 356.049

Protanomaly
51, 19.574, 328.445

Deuteranomaly
52, 18.713, 354.259

Tritanomaly
52, 35.690, 8.816

Monochromacy



Original Color
52, 38.609, 356.049

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 14.689, 353.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 38.609, 356.049 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(183, 97, 130)` looks like.

```
.text, #text, p{  
    color:rgb(183, 97, 130)  
}
```

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(183, 97, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 97, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 38.609, 356.049 is called "border". The border property can be set on classes, ids or directly on the HTML element.

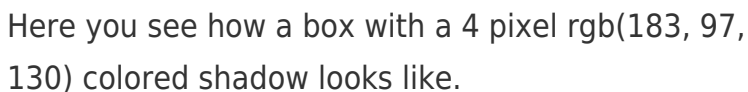
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 97, 130) }
```

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

```
.border{ border-color:rgb(183, 97, 130) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 97, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 97, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 97, 130); box-shadow:4px 4px 4px 4px rgb(183, 97, 130) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 38.609, 356.049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 97, 130) }
```

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

```
.background{ background-color: rgb(183, 97,  
130) }
```

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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