

Converting Colors

CIELCh(52, 40.646, 340.437)

Have a look what the booklet for
CIELCh(52, 40.646, 340.437)
contains.

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Color

CIELCh(52, 40.615, 340.414)

Conversions

Conversions Part 1

Format	Color
Hex	B06294
RGB	176, 98, 148
RGB Percent	69%, 38%, 58%
CMY	0.3093, 0.6152, 0.4191
CMYK	0.00, 0.44, 0.16, 0.31
HSL	322°, 33%, 54%
HSV	322°, 44%, 69%
XYZ	27.6670, 20.1443, 30.4968
YIQ	127.0220, 30.4380, 32.0860

Conversions

Conversions Part 2

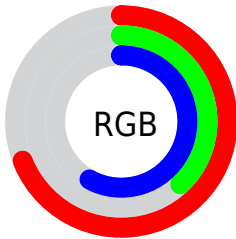
Format	Color
R_{YB}	176, 98, 148
Decimal	11559572
CIE _{Lab}	52.00, 38.26, -13.62
CIE _{LCh}	52, 40.615, 340.414
Yxy	20.1443, 0.3533, 0.2572
Android (android.graphics.Color)	4289749652 (0xFFB06294)
YUV	127.0220, 10.3422, 42.9537
Hunter-Lab	44.8824, 31.4889, -8.8688

Details

The CIELCh color **52, 40.615, 340.414** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **66, 39.857, 152.693**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 40.308, 340.526**, and **32, 40.476, 340.883** is the 20% darker color. If you saturate the color by 10%, you get **48, 48.876, 341.480**, and if you desaturate by 10%, it is **56, 31.695, 339.462**.

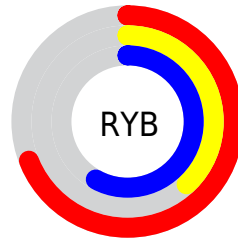
Distribution



Red (69%)

Green (38%)

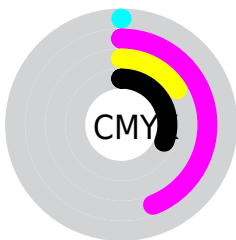
Blue (58%)



Red (69%)

Yellow (38%)

Blue (58%)

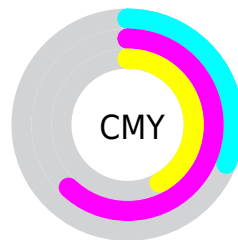


Cyan (0%)

Magenta (44%)

Yellow (16%)

Black (31%)



Cyan (31%)


Magenta (62%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 40.615, 340.414 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, 40.615, 340.414 by changing the saturation by 10% instead.


 52, 40.615,
340.414


 52, 40.615,
340.414


 100, 40.615,
340.414


 42, 40.615,
340.414


 72, 40.615,
340.414

 32, 40.615,
340.414


 82, 40.615,
340.414

 22, 40.615,
340.414

 92, 40.615,
340.414

 12, 40.615,
340.414

 2, 40.615, 340.414

 0, 40.615, 340.414

■ 52, 40.615,
340.414

■ 52, 40.615,
340.414

■ 48, 48.876,
341.480

■ 56, 31.695,
339.462

■ 45, 56.068,
342.700

■ 60, 22.457,
338.595

■ 42, 61.733,
344.137

■ 65, 13.143,
337.790

■ 40, 65.488,
345.873

■ 70, 3.913, 336.995

■ 75, 5.131, 156.455


■ 39, 67.170,
348.011

■ 80, 13.936,
155.774

■ 39, 67.595,
349.365

■ 84, 22.474,
155.164

■ 89, 30.739,
154.597

 94, 37.782,
154.431

Harmonies

Complementary

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



52, 40.615, 340.414



66, 39.857, 152.693

Rectangle

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



52, 40.615, 340.414



52, 40.615, 30.414



52, 40.615, 160.414



52, 40.615, 210.414

Sweetspot

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



52, 40.613, 340.415



83, 14.816, 337.707



47, 46.971, 306.570



43, 10.373, 337.876



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



52, 40.613, 340.415



62, 59.225, 341.439



51, 33.608, 12.703



35, 5.245, 337.405



33, 61.063, 349.045



2, 11.646, 341.998

Inverse Universe

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



52, 40.613, 340.415



62, 59.225, 341.439



67, 26.987, 183.221



35, 5.245, 337.405



33, 61.063, 349.045



2, 11.646, 341.998

Previews

White Background



This preview shows how the CIELCh color 52, 40.615, 340.414 looks on a white background.

Color Contrast Check

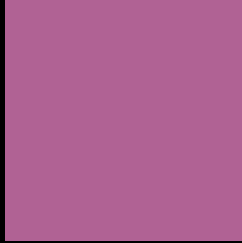
Large Text (above 18pt) WCAG AA ✓ Pass

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, 40.615, 340.414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

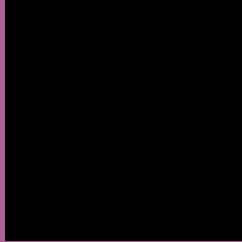
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 40.615, 340.414

Background



This preview shows how black text looks on a background with the CIELCh color 52, 40.615, 340.414.

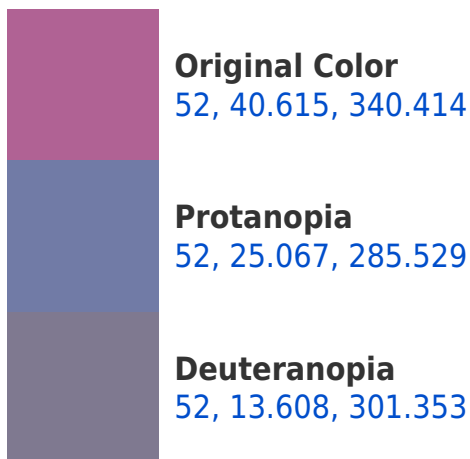


This preview shows how white text looks on a background with the CIELCh color 52, 40.615, 340.414.

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, 28.689, 14.055

Trichromacy



Original Color
52, 40.615, 340.414

Protanomaly
52, 27.499, 310.036

Deuteranomaly
52, 22.295, 325.605

Tritanomaly
52, 32.032, 358.580

Monochromacy



Original Color
52, 40.615, 340.414

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 15.904, 337.575

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 40.615, 340.414 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(176, 98, 148)` looks like.

```
.text, #text, p{  
    color:rgb(176, 98, 148)  
}
```

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(176, 98, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 98, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 40.615, 340.414 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(176, 98, 148) }
```

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

```
.border{ border-color:rgb(176, 98, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 98, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 98, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 98, 148);  
box-shadow:4px 4px 4px 4px rgb(176, 98,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 40.615, 340.414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 98, 148) }
```

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

```
.background{ background-color: rgb(176, 98,  
148) }
```

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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