

Converting Colors

CIELCh(53, 40.297, 348.399)

Have a look what the booklet for
CIELCh(53, 40.297, 348.399)
contains.

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Color

CIELCh(53, 40.401, 348.051)

Conversions

Conversions Part 1

Format	Color
Hex	B8638E
RGB	184, 99, 142
RGB Percent	72%, 39%, 56%
CMY	0.2787, 0.6120, 0.4434
CMYK	0.00, 0.46, 0.23, 0.28
HSL	330°, 37%, 55%
HSV	330°, 46%, 72%
XYZ	29.0860, 21.0462, 28.0973
YIQ	129.3170, 36.8570, 31.3930

Conversions

Conversions Part 2

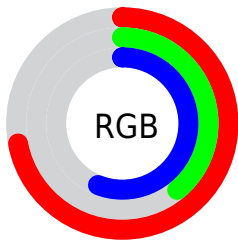
Format	Color
RYB	184, 99, 142
Decimal	12084110
CIELab	53.00, 39.53, -8.36
CIElCh	53, 40.401, 348.051
Yxy	21.0462, 0.3718, 0.2690
Android (android.graphics.Color)	4290274190 (0xFFB8638E)
YUV	129.3170, 6.2527, 47.9570
Hunter-Lab	45.8761, 32.8878, -4.1995

Details

The CIELCh color $53, 40.401, 348.051$ is a dark color, and the websafe version is hex `CC6699`. A complement of this color would be $69, 38.429, 158.653$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 40.464, 347.971$, and $33, 40.654, 347.991$ is the 20% darker color. If you saturate the color by 10%, you get $49, 48.333, 349.551$, and if you desaturate by 10%, it is $57, 31.838, 346.779$.

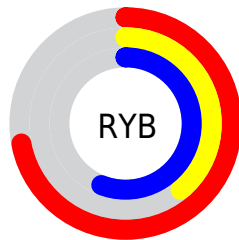
Distribution



Red (72%)

Green (39%)

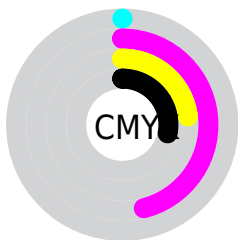
Blue (56%)



Red (72%)

Yellow (39%)

Blue (56%)

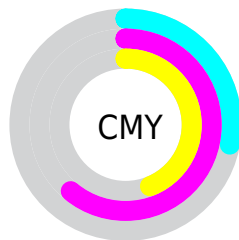


Cyan (0%)

Magenta (46%)

Yellow (23%)

Black (28%)



Cyan (28%)


Magenta (61%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 40.401, 348.051 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, 40.401, 348.051 by changing the saturation by 10% instead.


 53, 40.401,
348.051


 53, 40.401,
348.051


 100, 40.401,
348.051


 43, 40.401,
348.051


 73, 40.401,
348.051

 33, 40.401,
348.051

 83, 40.401,
348.051

 23, 40.401,
348.051

 93, 40.401,
348.051

 13, 40.401,
348.051

 3, 40.401, 348.051

 0, 40.401, 348.051

■ 53, 40.401,
348.051

■ 53, 40.401,
348.051

■ 49, 48.333,
349.551

■ 57, 31.838,
346.779

■ 46, 55.218,
351.363

■ 62, 22.993,
345.672

■ 43, 60.610,
353.608

■ 67, 14.108,
344.687

■ 41, 64.173,
356.434

■ 72, 5.342, 343.768

■ 40, 65.892,
359.982


■ 77, 3.209, 163.162

■ 40, 66.374, 1.426

■ 82, 11.497,
162.351

■ 87, 19.500,
161.668

■ 92, 27.219,
161.044

 95, 29.313,
164.348

Harmonies

Complementary

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



53, 40.401, 348.051



69, 38.429, 158.653

Rectangle

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



53, 40.401, 348.051



53, 40.401, 38.051



53, 40.401, 168.051



53, 40.401, 218.051

Sweetspot

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



53, 40.398, 348.052



86, 15.083, 344.503



49, 51.414, 310.863



44, 10.430, 344.703



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



53, 40.398, 348.052



64, 58.689, 349.505



52, 37.220, 23.098



36, 4.888, 344.056



33, 58.714, 0.831



3, 12.249, 350.452

Inverse Universe

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



53, 40.398, 348.052



64, 58.689, 349.505



70, 27.031, 195.625



36, 4.888, 344.056



33, 58.714, 0.831



3, 12.249, 350.452

Previews

White Background



This preview shows how the CIELCh color 53, 40.401, 348.051 looks on a white background.

Color Contrast Check

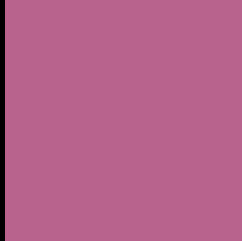
Large Text (above 18pt) WCAG AA ✓ Pass

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, 40.401, 348.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

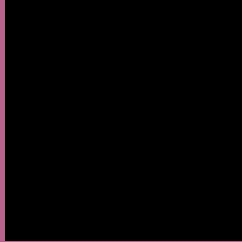
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 40.401, 348.051

Background



This preview shows how black text looks on a background with the CIELCh color 53, 40.401, 348.051.



This preview shows how white text looks on a background with the CIELCh color 53, 40.401, 348.051.

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, 40.401, 348.051

Protanopia

53, 19.742, 285.445

Deuteranopia

53, 9.727, 317.209



Tritanopia
53, 32.533, 16.688

Trichromacy



Original Color
53, 40.401, 348.051

Protanomaly
53, 23.787, 317.676

Deuteranomaly
52, 20.737, 337.856

Tritanomaly
53, 34.133, 4.766

Monochromacy



Original Color
53, 40.401, 348.051

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 15.414, 344.532

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 40.401, 348.051 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(184, 99, 142)` looks like.

```
.text, #text, p{  
    color:rgb(184, 99, 142)  
}
```

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(184, 99, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 99, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 40.401, 348.051 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(184, 99, 142) }
```

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

```
.border{ border-color:rgb(184, 99, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 99, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 99, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 99, 142);  
box-shadow:4px 4px 4px 4px rgb(184, 99,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 40.401, 348.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 99, 142) }
```

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

```
.background{ background-color: rgb(184, 99,  
142) }
```

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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