

Converting Colors

CIELCh(53, 40.796, 359.175)

Have a look what the booklet for
CIELCh(53, 40.796, 359.175)
contains.

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Color

CIELCh(53, 40.849, 359.203)

Conversions

Conversions Part 1

Format	Color
Hex	BE6181
RGB	190, 97, 129
RGB Percent	75%, 38%, 51%
CMY	0.2553, 0.6200, 0.4945
CMYK	0.00, 0.49, 0.32, 0.26
HSL	339°, 42%, 56%
HSV	339°, 49%, 74%
XYZ	29.4290, 21.0462, 23.2456
YIQ	128.4550, 45.1560, 29.6680

Conversions

Conversions Part 2

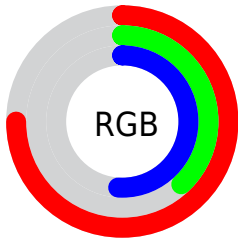
Format	Color
R_{YB}	190, 97, 129
Decimal	12476801
CIE _{Lab}	53.00, 40.85, -0.57
CIE _{LCh}	53, 40.849, 359.203
Yxy	21.0462, 0.3992, 0.2855
Android (android.graphics.Color)	4290666881 (0xFFBE6181)
YUV	128.4550, 0.2687, 53.9750
Hunter-Lab	45.8761, 34.2226, 2.0708

Details

The CIELCh color **53, 40.849, 359.203** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **71, 36.198, 167.702**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 41.027, 359.177**, and **33, 40.805, 359.362** is the 20% darker color. If you saturate the color by 10%, you get **49, 48.698, 1.324**, and if you desaturate by 10%, it is **57, 32.488, 357.482**.

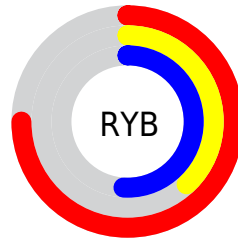
Distribution



Red (75%)

Green (38%)

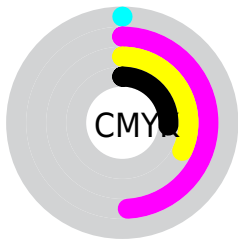
Blue (51%)



Red (75%)

Yellow (38%)

Blue (51%)

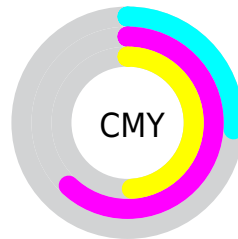


Cyan (0%)

Magenta (49%)

Yellow (32%)

Black (26%)



Cyan (26%)


Magenta (62%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 40.849, 359.203 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, 40.849, 359.203 by changing the saturation by 10% instead.


 53, 40.849,
359.203


 53, 40.849,
359.203


 100, 40.849,
359.203


 43, 40.849,
359.203


 73, 40.849,
359.203

 33, 40.849,
359.203

 83, 40.849,
359.203

 23, 40.849,
359.203

 93, 40.849,
359.203

 13, 40.849,
359.203

 3, 40.849, 359.203

 0, 40.849, 359.203

53, 40.849,
359.203

53, 40.849,
359.203

49, 48.698, 1.324

57, 32.488,
357.482

46, 55.651, 3.981

62, 23.951,
356.049

43, 61.335, 7.347

41, 65.564, 11.583

67, 15.469,
354.828

40, 68.666, 16.631

72, 7.190, 353.748

40, 68.998, 17.150

77, 0.806, 173.442

83, 8.479, 172.124

88, 15.824,
171.364

94, 22.848,
170.688

■ 95, 23.028,
179.711

Harmonies

Complementary

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



53, 40.849, 359.203



71, 36.198, 167.702

Rectangle

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



53, 40.849, 359.203



53, 40.849, 49.203



53, 40.849, 179.203



53, 40.849, 229.203

Sweetspot

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



53, 40.846, 359.205



88, 15.071, 354.414



51, 56.935, 316.205



46, 10.403, 354.649



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



53, 40.846, 359.205



63, 60.294, 1.560



55, 36.623, 35.559



37, 4.523, 353.788



33, 60.063, 16.302



3, 13.021, 0.364

Inverse Universe

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



53, 40.846, 359.205



63, 60.294, 1.560



67, 25.188, 215.553



37, 4.523, 353.788



33, 60.063, 16.302



3, 13.021, 0.364

Previews

White Background



This preview shows how the CIELCh color 53, 40.849, 359.203 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 53, 40.849, 359.203 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, 40.849, 359.203

Background



This preview shows how black text looks on a background with the CIELCh color 53, 40.849, 359.203.

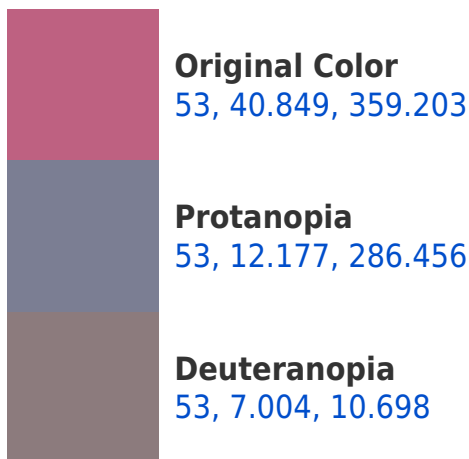


This preview shows how white text looks on a background with the CIELCh color 53, 40.849, 359.203.

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
53, 37.420, 18.403

Trichromacy



Original Color
53, 40.849, 359.203

Protanomaly
52, 19.130, 332.549

Deuteranomaly
53, 19.223, 0.844

Tritanomaly
53, 38.021, 11.043

Monochromacy



Original Color
53, 40.849, 359.203

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 15.159, 356.591

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 40.849, 359.203 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(190, 97, 129)` looks like.

```
.text, #text, p{  
    color:rgb(190, 97, 129)  
}
```

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(190, 97, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 97, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 40.849, 359.203 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(190, 97, 129) }
```

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

```
.border{ border-color:rgb(190, 97, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 97, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 97, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 97, 129);  
box-shadow:4px 4px 4px 4px rgb(190, 97,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 40.849, 359.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 97, 129) }
```

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

```
.background{ background-color: rgb(190, 97,  
129) }
```

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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