

Converting Colors

CIELCh(54, 40.001, 356.097)

Have a look what the booklet for
CIELCh(54, 40.001, 356.097)
contains.

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Color

CIELCh(54, 39.652, 356.161)

Conversions

Conversions Part 1

Format	Color
Hex	BE6587
RGB	190, 101, 135
RGB Percent	75%, 40%, 53%
CMY	0.2552, 0.6042, 0.4709
CMYK	0.00, 0.47, 0.29, 0.26
HSL	337°, 41%, 57%
HSV	337°, 47%, 74%
XYZ	30.2265, 21.9746, 25.5405
YIQ	131.4870, 42.1300, 29.4420

Conversions

Conversions Part 2

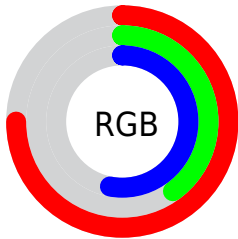
Format	Color
RYB	190, 101, 135
Decimal	12477831
CIELab	54.00, 39.56, -2.65
CIELCh	54, 39.652, 356.161
Yxy	21.9746, 0.3888, 0.2827
Android (android.graphics.Color)	4290667911 (0xFFBE6587)
YUV	131.4870, 1.7319, 51.3159
Hunter-Lab	46.8770, 33.0628, 0.5103

Details

The CIELCh color **54, 39.652, 356.161** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **71, 35.958, 165.549**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 39.520, 356.203**, and **34, 39.608, 356.482** is the 20% darker color. If you saturate the color by 10%, you get **50, 47.612, 358.079**, and if you desaturate by 10%, it is **58, 31.191, 354.587**.

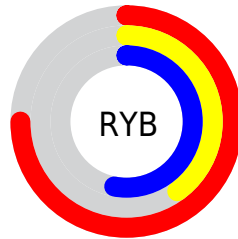
Distribution



Red (75%)

Green (40%)

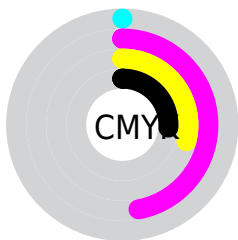
Blue (53%)



Red (75%)

Yellow (40%)

Blue (53%)

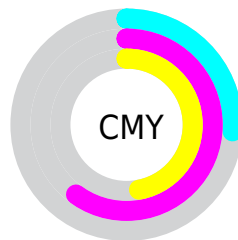


Cyan (0%)

Magenta (47%)

Yellow (29%)

Black (26%)



Cyan (26%)


Magenta (60%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 39.652, 356.161 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 54, 39.652, 356.161 by changing the saturation by 10% instead.


 54, 39.652,
356.161


 54, 39.652,
356.161


 100, 39.652,
356.161


 44, 39.652,
356.161


 74, 39.652,
356.161

 34, 39.652,
356.161

 84, 39.652,
356.161

 24, 39.652,
356.161

 94, 39.652,
356.161

 14, 39.652,
356.161

 4, 39.652, 356.161

 0, 39.652, 356.161

54, 39.652,
356.161

54, 39.652,
356.161

50, 47.612,
358.079

58, 31.191,
354.587

47, 54.681, 0.461

63, 22.560,
353.259

44, 60.449, 3.470

68, 13.982,
352.112

42, 64.654, 7.280

41, 67.405, 11.986

73, 5.599, 351.073


40, 68.223, 13.523

79, 2.511, 170.442

84, 10.312,
169.522

89, 17.795,
168.789

95, 24.969,
168.130

 95, 23.117,
179.173

Harmonies

Complementary

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



54, 39.652, 356.161



71, 35.958, 165.549

Rectangle

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



54, 39.652, 356.161



54, 39.652, 46.161



54, 39.652, 176.161



54, 39.652, 226.161

Sweetspot

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



54, 39.649, 356.163



88, 14.336, 351.832



52, 54.292, 315.080



46, 10.011, 352.064



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



54, 39.649, 356.163



64, 58.116, 358.090



55, 35.595, 32.689



37, 4.622, 351.329



33, 59.454, 12.707



3, 13.198, 358.330

Inverse Universe

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



54, 39.649, 356.163



64, 58.116, 358.090



69, 24.939, 210.915



37, 4.622, 351.329



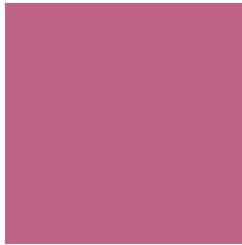
33, 59.454, 12.707



3, 13.198, 358.330

Previews

White Background



This preview shows how the CIELCh color 54, 39.652, 356.161 looks on a white background.

Color Contrast Check

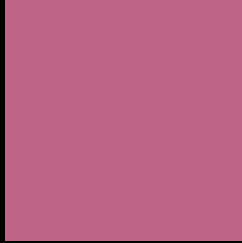
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 39.652, 356.161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

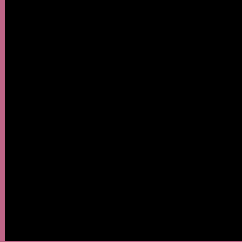
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 39.652, 356.161

Background



This preview shows how black text looks on a background with the CIELCh color 54, 39.652, 356.161.



This preview shows how white text looks on a background with the CIELCh color 54, 39.652, 356.161.

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

54, 39.652, 356.161

Protanopia

54, 13.299, 285.477

Deuteranopia

54, 7.287, 351.955



Tritanopia
54, 35.450, 16.787

Trichromacy



Original Color
54, 39.652, 356.161

Protanomaly
54, 19.425, 328.400

Deuteranomaly
54, 19.555, 353.888

Tritanomaly
54, 36.258, 9.080

Monochromacy



Original Color
54, 39.652, 356.161

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 14.587, 352.989

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 39.652, 356.161 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, 101, 135)` looks like.

```
.text, #text, p{  
    color:rgb(190, 101, 135)  
}
```

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, 101, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 101, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 39.652, 356.161 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, 101, 135) }
```

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

```
.border{ border-color:rgb(190, 101, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 101, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 101, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 101, 135);  
box-shadow:4px 4px 4px 4px rgb(190, 101,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 39.652, 356.161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 101, 135) }
```

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

```
.background{ background-color: rgb(190,  
101, 135) }
```

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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