

Converting Colors

CIELCh(53, 43.083, 342.159)

Have a look what the booklet for
CIELCh(53, 43.083, 342.159)
contains.

CIELCh(53, 43.007, 342.139)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(53, 43.007, 342.139)

Conversions

Conversions Part 1

Format	Color
Hex	B76296
RGB	183, 98, 150
RGB Percent	72%, 38%, 59%
CMY	0.2818, 0.6152, 0.4113
CMYK	0.00, 0.46, 0.18, 0.28
HSL	323°, 37%, 55%
HSV	323°, 46%, 72%
XYZ	29.4523, 21.0462, 31.4146
YIQ	129.3430, 33.9680, 34.1920

Conversions

Conversions Part 2

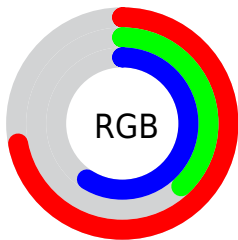
Format	Color
R_{YB}	183, 98, 150
Decimal	12018326
CIE _{Lab}	53.00, 40.93, -13.19
CIE _{LCh}	53, 43.007, 342.139
Yxy	21.0462, 0.3596, 0.2569
Android (android.graphics.Color)	4290208406 (0xFFB76296)
YUV	129.3430, 10.1839, 47.0572
Hunter-Lab	45.8761, 34.3132, -8.4868

Details

The CIELCh color **53, 43.007, 342.139** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **68, 41.991, 153.650**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 42.989, 342.424**, and **33, 42.978, 342.295** is the 20% darker color. If you saturate the color by 10%, you get **49, 51.208, 343.321**, and if you desaturate by 10%, it is **57, 34.059, 341.101**.

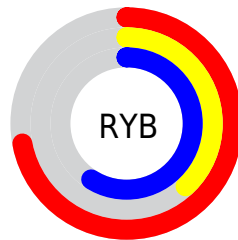
Distribution



Red (72%)

Green (38%)

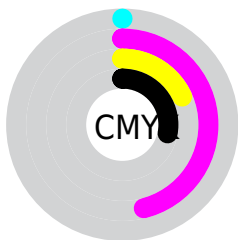
Blue (59%)



Red (72%)

Yellow (38%)

Blue (59%)

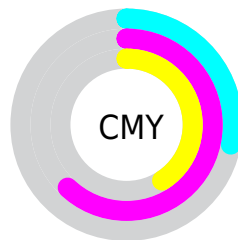


Cyan (0%)

Magenta (46%)

Yellow (18%)

Black (28%)



Cyan (28%)


Magenta (62%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 43.007, 342.139 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, 43.007, 342.139 by changing the saturation by 10% instead.


 53, 43.007,
342.139


 53, 43.007,
342.139


 100, 43.007,
342.139


 43, 43.007,
342.139


 73, 43.007,
342.139

 33, 43.007,
342.139

 83, 43.007,
342.139

 23, 43.007,
342.139

 93, 43.007,
342.139

 13, 43.007,
342.139

 3, 43.007, 342.139

 0, 43.007, 342.139

53, 43.007,
342.139

53, 43.007,
342.139

49, 51.208,
343.321

57, 34.059,
341.101

46, 58.225,
344.701

62, 24.734,
340.168

43, 63.591,
346.356

66, 15.298,
339.315

41, 66.949,
348.390

71, 5.930, 338.502

40, 68.256,
350.909

76, 3.258, 157.947

40, 68.525,
351.876

81, 12.202,
157.201

86, 20.874,
156.566

92, 29.264,
155.979

■ 95, 32.776,
157.620

Harmonies

Complementary

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



53, 43.007, 342.139



68, 41.991, 153.650

Rectangle

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



53, 43.007, 342.139



53, 43.007, 32.139



53, 43.007, 162.139



53, 43.007, 212.139

Sweetspot

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



53, 43.004, 342.140



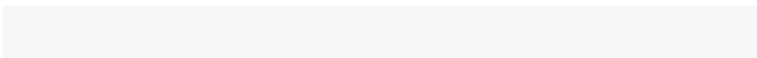
85, 16.067, 339.136



48, 51.064, 307.770



44, 11.200, 339.312



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, 43.004, 342.140



63, 62.623, 343.386



52, 36.572, 15.683



36, 5.259, 338.741



34, 60.883, 351.467



3, 13.121, 344.340

Inverse Universe

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



53, 43.004, 342.140



63, 62.623, 343.386



69, 28.356, 185.987



36, 5.259, 338.741



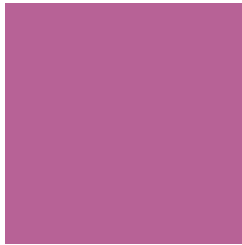
34, 60.883, 351.467



3, 13.121, 344.340

Previews

White Background



This preview shows how the CIELCh color 53, 43.007, 342.139 looks on a white background.

Color Contrast Check

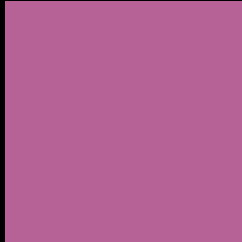
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.007, 342.139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

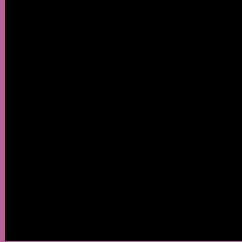
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 43.007, 342.139

Background



This preview shows how black text looks on a background with the CIELCh color 53, 43.007, 342.139.



This preview shows how white text looks on a background with the CIELCh color 53, 43.007, 342.139.

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, 43.007, 342.139

Protanopia

53, 25.566, 285.734

Deuteranopia

53, 12.981, 301.718



Tritanopia
53, 31.209, 16.181

Trichromacy



Original Color
53, 43.007, 342.139

Protanomaly
52, 28.850, 311.503

Deuteranomaly
53, 22.653, 327.306

Tritanomaly
53, 34.063, 1.642

Monochromacy



Original Color
53, 43.007, 342.139

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 16.438, 339.595

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 43.007, 342.139 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, 98, 150)` looks like.

```
.text, #text, p{  
    color:rgb(183, 98, 150)  
}
```

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, 98, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 98, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 43.007, 342.139 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, 98, 150) }
```

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

```
.border{ border-color:rgb(183, 98, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 98, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 98, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 98, 150);  
box-shadow:4px 4px 4px 4px rgb(183, 98,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 43.007, 342.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 98, 150) }
```

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

```
.background{ background-color: rgb(183, 98,  
150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor