

Converting Colors

CIELCh(53, 40.344, 6.578)

Have a look what the booklet for
CIELCh(53, 40.344, 6.578) contains.

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Color

CIELCh(53, 40.344, 6.578)

Conversions

Conversions Part 1

Format	Color
Hex	BF6178
RGB	191, 97, 120
RGB Percent	75%, 38%, 47%
CMY	0.2502, 0.6189, 0.5287
CMYK	0.00, 0.49, 0.37, 0.25
HSL	345°, 42%, 57%
HSV	345°, 49%, 75%
XYZ	29.2294, 21.0462, 20.3474
YIQ	127.7280, 48.6410, 27.0810

Conversions

Conversions Part 2

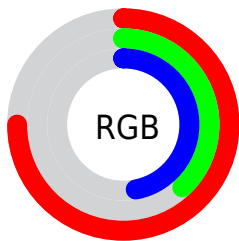
Format	Color
R _Y B	191, 97, 120
Decimal	12542328
CIE Lab	53.00, 40.08, 4.62
CIE LCh	53, 40.344, 6.578
Yxy	21.0462, 0.4139, 0.2980
Android (android.graphics.Color)	4290732408 (0xFFBF6178)
YUV	127.7280, -3.8099, 55.4895
Hunter-Lab	45.8761, 33.4458, 5.8164

Details

The CIELCh color **53, 40.344, 6.578** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **71, 33.651, 174.832**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 40.354, 6.770**, and **33, 40.156, 6.284** is the 20% darker color. If you saturate the color by 10%, you get **49, 48.497, 8.951**, and if you desaturate by 10%, it is **57, 31.872, 4.681**.

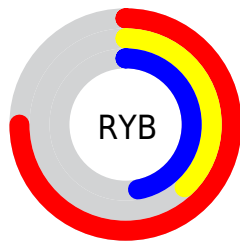
Distribution



Red (75%)

Green (38%)

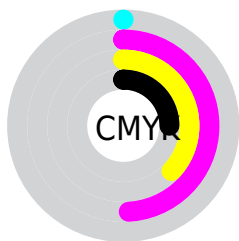
Blue (47%)



Red (75%)

Yellow (38%)

Blue (47%)

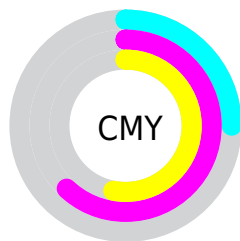


Cyan (0%)

Magenta (49%)

Yellow (37%)

Black (25%)



Cyan (25%)

Magenta (62%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 40.344, 6.578 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, 40.344, 6.578 by changing the saturation by 10% instead.

 53, 40.344, 6.578  53, 40.344, 6.578

 100, 40.344, 6.578  43, 40.344, 6.578


 73, 40.344, 6.578  33, 40.344, 6.578

 83, 40.344, 6.578  23, 40.344, 6.578

 93, 40.344, 6.578  13, 40.344, 6.578

 3, 40.344, 6.578

 0, 40.344, 6.578

 53, 40.344, 6.578  53, 40.344, 6.578

 49, 48.497, 8.951  57, 31.872, 4.681

 46, 55.988, 11.947  62, 23.378, 3.132

43, 62.499, 15.725

67, 15.061, 1.838

41, 67.888, 20.377

73, 7.043, 0.715

40, 72.456, 25.658

78, 0.617, 180.626

40, 72.848, 26.077

83, 7.901, 179.091

89, 14.815,
178.338

94, 21.380,
177.681

96, 21.153,
191.349

Harmonies

Complementary

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



53, 40.344, 6.578



71, 33.651, 174.832

Rectangle

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



53, 40.344, 6.578



53, 40.344, 56.578



53, 40.344, 186.578



53, 40.344, 236.578

Sweetspot

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



53, 40.341, 6.580



88, 14.400, 1.381



53, 58.227, 319.333



46, 9.952, 1.626



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, 40.341, 6.580



63, 59.572, 9.155



58, 34.901, 44.312



37, 4.308, 0.734



33, 62.887, 25.185



3, 12.657, 5.613

Inverse Universe

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



53, 40.341, 6.580



63, 59.572, 9.155



65, 24.623, 230.242



37, 4.308, 0.734



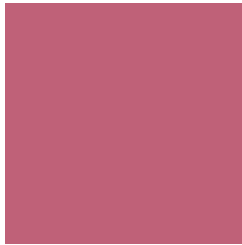
33, 62.887, 25.185



3, 12.657, 5.613

Previews

White Background



This preview shows how the CIELCh color 53, 40.344, 6.578 looks on a white background.

Color Contrast Check

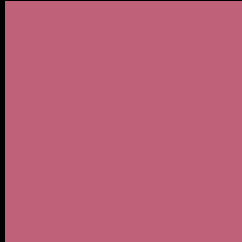
Large Text (above 18pt) WCAG AA ✓ Pass

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, 40.344, 6.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

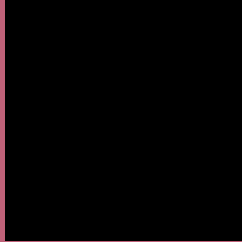
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 40.344, 6.578

Background



This preview shows how black text looks on a background with the CIELCh color 53, 40.344, 6.578.



This preview shows how white text looks on a background with the CIELCh color 53, 40.344, 6.578.

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, 40.344, 6.578

Protanopia

53, 6.368, 290.973

Deuteranopia

53, 9.308, 45.701



Tritanopia
53, 38.750, 18.832

Trichromacy



Original Color
53, 40.344, 6.578

Protanomaly
53, 16.149, 349.021

Deuteranomaly
53, 19.842, 15.199

Tritanomaly
53, 38.909, 14.025

Monochromacy



Original Color
53, 40.344, 6.578

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 14.639, 2.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 40.344, 6.578 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(191, 97, 120)` looks like.

```
.text, #text, p{  
    color:rgb(191, 97, 120)  
}
```

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(191, 97, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 97, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 40.344, 6.578 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(191, 97, 120) }
```

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

```
.border{ border-color:rgb(191, 97, 120) }
```

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

Here you see how a box with a 4 pixel rgb(191, 97, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 97, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 97, 120);  
box-shadow:4px 4px 4px 4px rgb(191, 97,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 40.344, 6.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 97, 120) }
```

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

```
.background{ background-color: rgb(191, 97,  
120) }
```

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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