

Converting Colors

CIELCh(53, 38.951, 9.745)

Have a look what the booklet for
CIELCh(53, 38.951, 9.745) contains.

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Color

CIELCh(53, 38.897, 9.844)

Conversions

Conversions Part 1

Format	Color
Hex	BE6375
RGB	190, 99, 117
RGB Percent	75%, 39%, 46%
CMY	0.2562, 0.6129, 0.5423
CMYK	0.00, 0.48, 0.38, 0.26
HSL	348°, 41%, 57%
HSV	348°, 48%, 74%
XYZ	28.7760, 21.0462, 19.2836
YIQ	128.2610, 48.4580, 24.8900

Conversions

Conversions Part 2

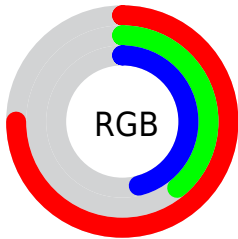
Format	Color
R_{YB}	190, 99, 117
Decimal	12477301
CIE _{Lab}	53.00, 38.32, 6.65
CIE _{LCh}	53, 38.897, 9.844
Yxy	21.0462, 0.4164, 0.3046
Android (android.graphics.Color)	4290667381 (0xFFBE6375)
YUV	128.2610, -5.5517, 54.1451
Hunter-Lab	45.8761, 31.6817, 7.1913

Details

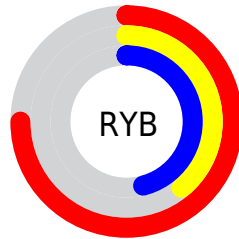
The CIELCh color **53, 38.897, 9.844** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **71, 31.606, 178.721**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 38.898, 9.960**, and **33, 38.858, 9.547** is the 20% darker color. If you saturate the color by 10%, you get **49, 47.243, 12.213**, and if you desaturate by 10%, it is **58, 30.375, 7.959**.

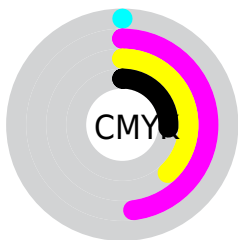
Distribution



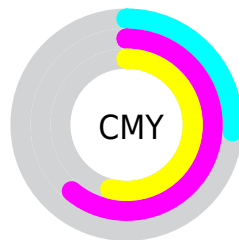
- Red (75%)
- Green (39%)
- Blue (46%)



- Red (75%)
- Yellow (39%)
- Blue (46%)



- Cyan (0%)
- Magenta (48%)
- Yellow (38%)
- Black (26%)



- Cyan (26%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 38.897, 9.844 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, 38.897, 9.844 by changing the saturation by 10% instead.

 53, 38.897, 9.844  53, 38.897, 9.844

 100, 38.897, 9.844  43, 38.897, 9.844

 73, 38.897, 9.844  33, 38.897, 9.844

 83, 38.897, 9.844  23, 38.897, 9.844


 93, 38.897, 9.844  13, 38.897, 9.844

 3, 38.897, 9.844

 0, 38.897, 9.844

 53, 38.897, 9.844  53, 38.897, 9.844

 49, 47.243, 12.213  58, 30.375, 7.959

 45, 55.099, 15.206  62, 21.941, 6.429

43, 62.155, 18.968

67, 13.765, 5.159

41, 68.241, 23.558

73, 5.945, 4.057

40, 73.482, 28.725

78, 1.479, 183.570

40, 74.558, 29.717

83, 8.501, 182.514

89, 15.137,
181.802

94, 21.415,
181.182

96, 21.291,
196.168

Harmonies

Complementary

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



53, 38.897, 9.844



71, 31.606, 178.721

Rectangle

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



53, 38.897, 9.844



53, 38.897, 59.844



53, 38.897, 189.844



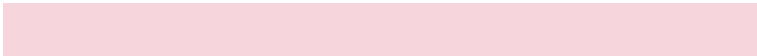
53, 38.897, 239.844

Sweetspot

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



53, 38.894, 9.847



88, 13.189, 4.735



53, 56.906, 320.843



46, 9.231, 4.981



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, 38.894, 9.847



63, 58.655, 12.478



59, 32.966, 49.120



37, 4.231, 4.206



33, 64.703, 28.894



3, 12.525, 8.160

Inverse Universe

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



53, 38.894, 9.847



63, 58.655, 12.478



64, 24.176, 237.539



37, 4.231, 4.206



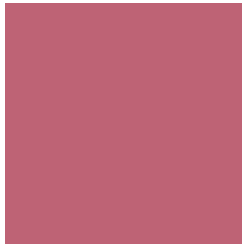
33, 64.703, 28.894



3, 12.525, 8.160

Previews

White Background



This preview shows how the CIELCh color 53, 38.897, 9.844 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, 38.897, 9.844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

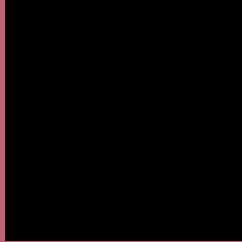
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 38.897, 9.844

Background



This preview shows how black text looks on a background with the CIELCh color 53, 38.897, 9.844.



This preview shows how white text looks on a background with the CIELCh color 53, 38.897, 9.844.

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, 38.254, 17.863

Trichromacy



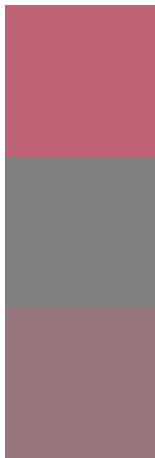
Original Color
53, 38.897, 9.844

Protanomaly
52, 14.987, 358.651

Deuteranomaly
53, 19.986, 21.745

Tritanomaly
53, 38.095, 15.316

Monochromacy



Original Color
53, 38.897, 9.844

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 14.108, 4.531

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 38.897, 9.844 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, 99, 117)` looks like.

```
.text, #text, p{  
    color:rgb(190, 99, 117)  
}
```

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, 99, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 99, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 38.897, 9.844 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, 99, 117) }
```

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

```
.border{ border-color:rgb(190, 99, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 99, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 99, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 99, 117);  
box-shadow:4px 4px 4px 4px rgb(190, 99,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 38.897, 9.844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 99, 117) }
```

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

```
.background{ background-color: rgb(190, 99,  
117) }
```

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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