

Converting Colors

CIELCh(53, 39.961, 39.767)

Have a look what the booklet for
CIELCh(53, 39.961, 39.767) contains.

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Color

CIELCh(53, 40.042, 39.785)

Conversions

Conversions Part 1

Format	Color
Hex	BA6854
RGB	186, 104, 84
RGB Percent	73%, 41%, 33%
CMY	0.2698, 0.5914, 0.6699
CMYK	0.00, 0.44, 0.55, 0.27
HSL	12°, 43%, 53%
HSV	12°, 55%, 73%
XYZ	26.8770, 21.0462, 11.0689
YIQ	126.2380, 55.2920, 11.1640

Conversions

Conversions Part 2

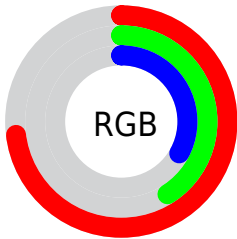
Format	Color
RYB	186, 109, 84
Decimal	12216404
CIELab	53.00, 30.77, 25.62
CIElCh	53, 40.042, 39.785
Yxy	21.0462, 0.4556, 0.3568
Android (android.graphics.Color)	4290406484 (0xFFBA6854)
YUV	126.2380, -20.8233, 52.4113
Hunter-Lab	45.8761, 24.2929, 17.8079

Details

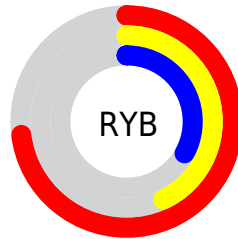
The CIELCh color **53, 40.042, 39.785** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **64, 26.318, 222.948**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 39.940, 39.486**, and **33, 40.255, 40.260** is the 20% darker color. If you saturate the color by 10%, you get **50, 49.068, 40.568**, and if you desaturate by 10%, it is **57, 31.477, 39.246**.

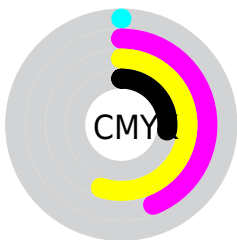
Distribution



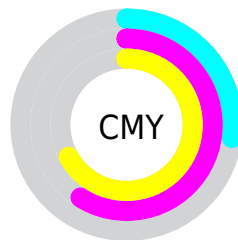
- Red (73%)
- Green (41%)
- Blue (33%)



- Red (73%)
- Yellow (43%)
- Blue (33%)



- Cyan (0%)
- Magenta (44%)
- Yellow (55%)
- Black (27%)



- Cyan (27%)
- Magenta (59%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 40.042, 39.785 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, 40.042, 39.785 by changing the saturation by 10% instead.

■ 53, 40.042, 39.785

■ 53, 40.042, 39.785

■ 100, 40.042,
39.785

■ 43, 40.042, 39.785

■ 73, 40.042, 39.785

■ 33, 40.042, 39.785

■ 83, 40.042, 39.785

■ 23, 40.042, 39.785

■ 93, 40.042, 39.785

■ 13, 40.042, 39.785

■ 3, 40.042, 39.785

■ 0, 40.042, 39.785

■ 53, 40.042, 39.785

■ 53, 40.042, 39.785

■ 50, 49.068, 40.568

■ 57, 31.477, 39.246

■ 46, 58.337, 41.547

■ 61, 23.470, 38.921

44, 67.344, 42.541

65, 16.045, 38.776

42, 74.997, 43.048

69, 9.187, 38.764

41, 78.495, 43.372

73, 2.859, 38.764

78, 2.987, 219.327

82, 8.400, 219.487

87, 13.430,
219.779

91, 18.123,
220.114

Harmonies

Complementary

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



53, 40.042, 39.785



64, 26.318, 222.948

Rectangle

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



53, 40.042, 39.785



53, 40.042, 89.785



53, 40.042, 219.785



53, 40.042, 269.785

Sweetspot

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



53, 40.040, 39.789



87, 12.376, 38.760



51, 57.755, 333.509



46, 8.496, 38.757



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



53, 40.040, 39.789



63, 62.352, 40.778



65, 40.854, 85.242



38, 3.479, 38.785



35, 69.186, 43.614



4, 10.828, 32.318

Inverse Universe

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



64, 26.318, 222.948



79, 36.425, 225.086



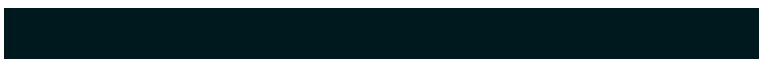
50, 41.305, 282.663



39, 3.284, 219.374



49, 30.652, 234.224



7, 9.509, 227.959

Previews

White Background



This preview shows how the CIELCh color 53, 40.042, 39.785 looks on a white background.

Color Contrast Check

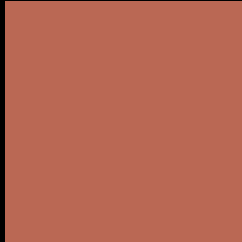
Large Text (above 18pt) WCAG AA ✓ Pass

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, 40.042, 39.785 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, 40.042, 39.785

Background



This preview shows how black text looks on a background with the CIELCh color 53, 40.042, 39.785.

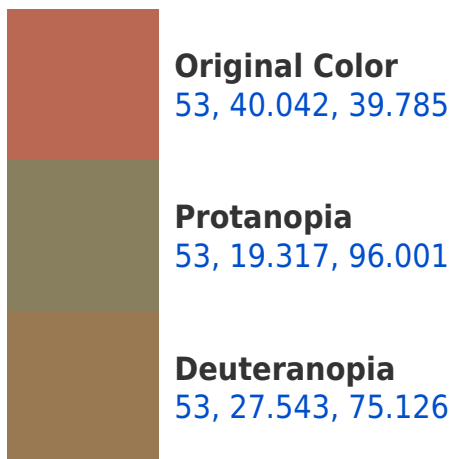


This preview shows how white text looks on a background with the CIELCh color 53, 40.042, 39.785.

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, 40.042, 39.785

Protanomaly
53, 23.291, 65.505

Deuteranomaly
53, 30.476, 58.849

Tritanomaly
53, 37.655, 26.694

Monochromacy



Original Color
53, 40.042, 39.785

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 13.457, 38.058

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 40.042, 39.785 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(186, 104, 84)` looks like.

```
.text, #text, p{  
    color:rgb(186, 104, 84)  
}
```

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(186, 104, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 104, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 40.042, 39.785 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(186, 104, 84) }
```

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

```
.border{ border-color:rgb(186, 104, 84) }
```

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

Here you see how a box with a 4 pixel rgb(186, 104, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 104, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 104, 84);  
box-shadow:4px 4px 4px 4px rgb(186, 104,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 40.042, 39.785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 104, 84) }
```

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

```
.background{ background-color: rgb(186,  
104, 84) }
```

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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