

Converting Colors

CIELCh(53, 41.595, 38.614)

Have a look what the booklet for
CIELCh(53, 41.595, 38.614) contains.

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Color

CIELCh(53, 41.595, 38.614)

Conversions

Conversions Part 1

Format	Color
Hex	BD6754
RGB	189, 103, 84
RGB Percent	74%, 40%, 33%
CMY	0.2602, 0.5973, 0.6717
CMYK	0.00, 0.46, 0.56, 0.26
HSL	11°, 44%, 53%
HSV	11°, 56%, 74%
XYZ	27.3045, 21.0462, 10.9502
YIQ	126.5480, 57.3550, 12.3230

Conversions

Conversions Part 2

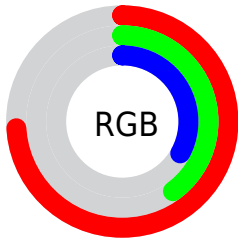
Format	Color
RYB	189, 107, 84
Decimal	12412756
CIELab	53.00, 32.50, 25.96
CIELCh	53, 41.595, 38.614
Yxy	21.0462, 0.4604, 0.3549
Android (android.graphics.Color)	4290602836 (0xFFBD6754)
YUV	126.5480, -20.9762, 54.7704
Hunter-Lab	45.8761, 25.9561, 17.9613

Details

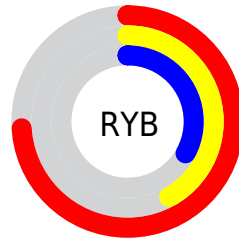
The CIELCh color **53, 41.595, 38.614** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **65, 27.006, 220.763**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 41.805, 38.156**, and **33, 41.438, 39.331** is the 20% darker color. If you saturate the color by 10%, you get **50, 50.812, 39.561**, and if you desaturate by 10%, it is **57, 32.821, 37.933**.

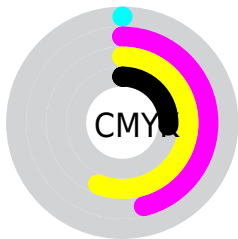
Distribution



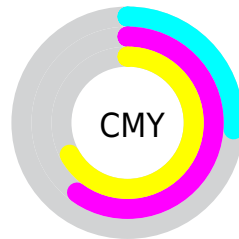
- Red (74%)
- Green (40%)
- Blue (33%)



- Red (74%)
- Yellow (42%)
- Blue (33%)



- Cyan (0%)
- Magenta (46%)
- Yellow (56%)
- Black (26%)



- Cyan (26%)
- Magenta (60%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 41.595, 38.614 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, 41.595, 38.614 by changing the saturation by 10% instead.

■ 53, 41.595, 38.614

■ 53, 41.595, 38.614

■ 100, 41.595,
38.614

■ 43, 41.595, 38.614

■ 73, 41.595, 38.614

■ 33, 41.595, 38.614

■ 83, 41.595, 38.614

■ 23, 41.595, 38.614

■ 93, 41.595, 38.614

■ 13, 41.595, 38.614

■ 3, 41.595, 38.614

■ 0, 41.595, 38.614

■ 53, 41.595, 38.614

■ 53, 41.595, 38.614

■ 50, 50.812, 39.561

■ 57, 32.821, 37.933

■ 46, 60.228, 40.720

■ 61, 24.604, 37.486

44, 69.291, 41.889

65, 16.978, 37.235

42, 76.825, 42.528

69, 9.932, 37.132

41, 79.764, 42.911

74, 3.432, 37.074

78, 2.567, 217.565

83, 8.117, 217.629

88, 13.269,
217.857

92, 18.071,
218.133

Harmonies

Complementary

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



53, 41.595, 38.614



65, 27.006, 220.763

Rectangle

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



53, 41.595, 38.614



53, 41.595, 88.614



53, 41.595, 218.614



53, 41.595, 268.614

Sweetspot

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



53, 41.593, 38.618



87, 13.443, 37.141



52, 59.768, 332.915



45, 9.063, 37.156



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, 41.593, 38.618



63, 64.600, 39.830



65, 41.465, 83.743



37, 3.511, 37.108



34, 69.599, 43.134



4, 10.917, 31.203

Inverse Universe

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



65, 27.006, 220.763



80, 37.157, 222.767



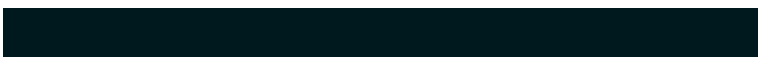
50, 41.430, 281.703



39, 3.312, 217.563



50, 30.509, 230.931



7, 9.563, 225.243

Previews

White Background



This preview shows how the CIELCh color 53, 41.595, 38.614 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 53, 41.595, 38.614 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, 41.595, 38.614

Background



This preview shows how black text looks on a background with the CIELCh color 53, 41.595, 38.614.



This preview shows how white text looks on a background with the CIELCh color 53, 41.595, 38.614.

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, 41.595, 38.614

Protanopia

53, 19.317, 96.001

Deuteranopia

53, 28.037, 75.618



Tritanopia
53, 38.750, 18.832

Trichromacy



Original Color
53, 41.595, 38.614

Protanomaly
53, 23.558, 63.109

Deuteranomaly
53, 31.286, 57.822

Tritanomaly
53, 39.315, 26.045

Monochromacy



Original Color
53, 41.595, 38.614

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 13.877, 37.557

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 41.595, 38.614 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(189, 103, 84)` looks like.

```
.text, #text, p{  
    color:rgb(189, 103, 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(189, 103, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 103, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 41.595, 38.614 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(189, 103, 84) }
```

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

```
.border{ border-color:rgb(189, 103, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 103, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 103, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 103, 84);  
box-shadow:4px 4px 4px 4px rgb(189, 103,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 41.595, 38.614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 103, 84) }
```

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

```
.background{ background-color: rgb(189,  
103, 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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