

Converting Colors

CIELCh(53, 45.947, 49.927)

Have a look what the booklet for
CIELCh(53, 45.947, 49.927) contains.

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Color

CIELCh(53, 45.922, 50.289)

Conversions

Conversions Part 1

Format	Color
Hex	BB6943
RGB	187, 105, 67
RGB Percent	73%, 41%, 26%
CMY	0.2670, 0.5885, 0.7375
CMYK	0.00, 0.44, 0.64, 0.27
HSL	19°, 47%, 50%
HSV	19°, 64%, 73%
XYZ	26.5272, 21.0462, 7.9633
YIQ	125.1860, 61.0700, 5.5660

Conversions

Conversions Part 2

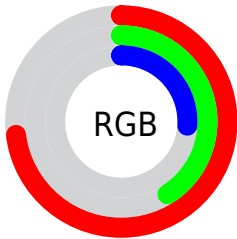
Format	Color
RYB	187, 123, 67
Decimal	12282179
CIELab	53.00, 29.34, 35.33
CIELCh	53, 45.922, 50.289
Yxy	21.0462, 0.4777, 0.3790
Android (android.graphics.Color)	4290472259 (0xFFBB6943)
YUV	125.1860, -28.6857, 54.2109
Hunter-Lab	45.8761, 22.9318, 21.8216

Details

The CIELCh color **53, 45.922, 50.289** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **58, 30.141, 244.239**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 45.988, 50.214**, and **33, 46.045, 50.367** is the 20% darker color. If you saturate the color by 10%, you get **50, 54.634, 50.060**, and if you desaturate by 10%, it is **56, 37.455, 50.564**.

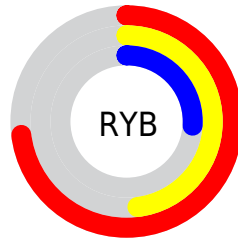
Distribution



Red (73%)

Green (41%)

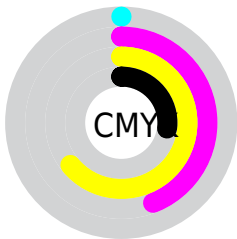
Blue (26%)



Red (73%)

Yellow (48%)

Blue (26%)

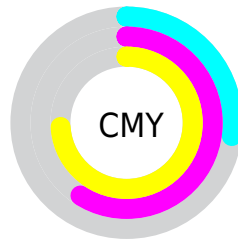


Cyan (0%)

Magenta (44%)

Yellow (64%)

Black (27%)



Cyan (27%)

Magenta (59%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 45.922, 50.289 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, 45.922, 50.289 by changing the saturation by 10% instead.

■ 53, 45.922, 50.289

■ 53, 45.922, 50.289

■ 100, 45.922,
50.289

■ 43, 45.922, 50.289

■ 73, 45.922, 50.289

■ 33, 45.922, 50.289

■ 83, 45.922, 50.289

■ 23, 45.922, 50.289

■ 93, 45.922, 50.289

■ 13, 45.922, 50.289

■ 3, 45.922, 50.289

■ 0, 45.922, 50.289

■ 53, 45.922, 50.289

■ 53, 45.922, 50.289

■ 50, 54.634, 50.060

■ 56, 37.455, 50.564

■ 47, 63.132, 49.693

■ 60, 29.435, 50.931

45, 70.458, 48.792

63, 21.927, 51.401

44, 74.213, 48.227

67, 14.938, 51.960

70, 8.443, 52.579

74, 2.403, 53.135

78, 3.228, 234.211

82, 8.494, 234.875

86, 13.440,
235.619

Harmonies

Complementary

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



53, 45.922, 50.289



58, 30.141, 244.239

Rectangle

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



53, 45.922, 50.289



53, 45.922, 100.289



53, 45.922, 230.289



53, 45.922, 280.289

Sweetspot

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



53, 45.921, 50.293



87, 14.222, 52.257



48, 60.254, 340.440



45, 9.974, 52.081



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, 45.921, 50.293



63, 70.639, 49.944



68, 52.304, 93.862



38, 3.338, 52.879



37, 65.264, 48.671



4, 10.283, 41.737

Inverse Universe

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



58, 30.141, 244.239



70, 41.836, 249.193



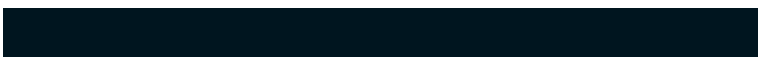
41, 59.085, 293.151



38, 3.183, 234.483



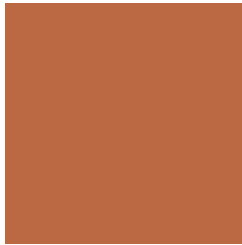
43, 34.990, 258.501



6, 9.773, 247.827

Previews

White Background



This preview shows how the CIELCh color 53, 45.922, 50.289 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, 45.922, 50.289 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, 45.922, 50.289

Background



This preview shows how black text looks on a background with the CIELCh color 53, 45.922, 50.289.



This preview shows how white text looks on a background with the CIELCh color 53, 45.922, 50.289.

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, 45.922, 50.289

Protanopia

53, 29.997, 95.917

Deuteranopia

53, 37.171, 79.590



Tritanopia
53, 38.326, 18.707

Trichromacy



Original Color
53, 45.922, 50.289

Protanomaly
53, 32.413, 74.563

Deuteranomaly
53, 39.043, 67.294

Tritanomaly
53, 39.425, 32.234

Monochromacy



Original Color
53, 45.922, 50.289

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 15.460, 51.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 45.922, 50.289 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(187, 105, 67)` looks like.

```
.text, #text, p{  
    color:rgb(187, 105, 67)  
}
```

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(187, 105, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 105, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 45.922, 50.289 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(187, 105, 67) }
```

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

```
.border{ border-color:rgb(187, 105, 67) }
```

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

Here you see how a box with a 4 pixel rgb(187, 105, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 105, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 105, 67);  
box-shadow:4px 4px 4px 4px rgb(187, 105,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 45.922, 50.289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 105, 67) }
```

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

```
.background{ background-color: rgb(187,  
105, 67) }
```

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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