

Converting Colors

CIELCh(53, 45.691, 30.354)

Have a look what the booklet for
CIELCh(53, 45.691, 30.354) contains.

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Color

CIELCh(53, 45.844, 30.107)

Conversions

Conversions Part 1

Format	Color
Hex	C56059
RGB	197, 96, 89
RGB Percent	77%, 38%, 35%
CMY	0.2263, 0.6225, 0.6501
CMYK	0.00, 0.51, 0.55, 0.23
HSL	4°, 48%, 56%
HSV	4°, 55%, 77%
XYZ	29.1206, 21.0462, 12.0301
YIQ	125.4010, 62.4430, 19.2350

Conversions

Conversions Part 2

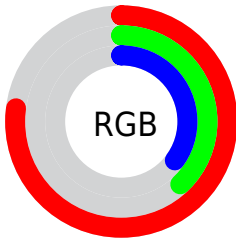
Format	Color
R_{YB}	197, 96, 89
Decimal	12935257
CIE _{Lab}	53.00, 39.66, 23.00
CIE _{LCh}	53, 45.844, 30.107
Yxy	21.0462, 0.4682, 0.3384
Android (android.graphics.Color)	4291125337 (0xFFC56059)
YUV	125.4010, -17.9457, 62.7923
Hunter-Lab	45.8761, 33.0225, 16.5657

Details

The CIELCh color **53, 45.844, 30.107** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **72, 30.033, 204.595**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 44.826, 30.291**, and **33, 46.115, 30.457** is the 20% darker color. If you saturate the color by 10%, you get **49, 55.736, 32.129**, and if you desaturate by 10%, it is **57, 36.237, 28.539**.

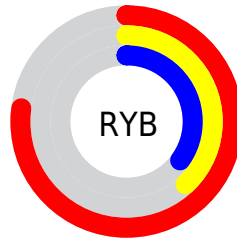
Distribution



Red (77%)

Green (38%)

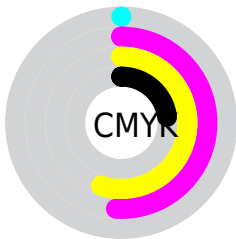
Blue (35%)



Red (77%)

Yellow (38%)

Blue (35%)

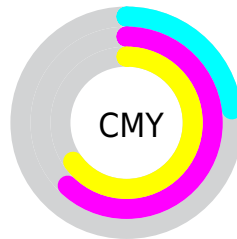


Cyan (0%)

Magenta (51%)

Yellow (55%)

Black (23%)



Cyan (23%)

Magenta (62%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 45.844, 30.107 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, 45.844, 30.107 by changing the saturation by 10% instead.

■ 53, 45.844, 30.107

■ 53, 45.844, 30.107

■ 100, 45.844,
30.107

■ 43, 45.844, 30.107

■ 73, 45.844, 30.107

■ 33, 45.844, 30.107

■ 83, 45.844, 30.107

■ 23, 45.844, 30.107

■ 93, 45.844, 30.107

■ 13, 45.844, 30.107

■ 3, 45.844, 30.107

■ 0, 45.844, 30.107

■ 53, 45.844, 30.107

■ 53, 45.844, 30.107

■ 49, 55.736, 32.129

■ 57, 36.237, 28.539

■ 46, 65.601, 34.593

■ 62, 27.110, 27.347

44, 74.862, 37.287

67, 18.563, 26.456

42, 82.269, 39.527

72, 10.629, 25.786

42, 85.318, 40.642

77, 3.296, 25.200

82, 3.472, 205.188

88, 9.726, 204.849

93, 15.521,
204.667

96, 18.925,
198.255

Harmonies

Complementary

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



53, 45.844, 30.107



72, 30.033, 204.595

Rectangle

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



53, 45.844, 30.107



53, 45.844, 80.107



53, 45.844, 210.107



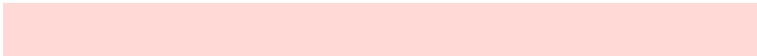
53, 45.844, 260.107

Sweetspot

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



53, 45.842, 30.110



90, 14.265, 25.874



55, 66.131, 328.761



46, 9.713, 26.004



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 45.842, 30.110



62, 70.310, 32.645



65, 39.877, 73.399



39, 4.019, 25.482



34, 73.761, 40.639



4, 15.257, 22.920

Inverse Universe

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



72, 30.033, 204.595



89, 41.099, 204.980



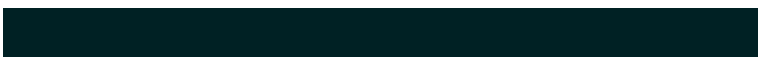
56, 35.859, 271.504



41, 3.784, 204.981



57, 33.035, 207.303



11, 12.145, 204.720

Previews

White Background



This preview shows how the CIELCh color 53, 45.844, 30.107 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, 45.844, 30.107 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, 45.844, 30.107

Background



This preview shows how black text looks on a background with the CIELCh color 53, 45.844, 30.107.



This preview shows how white text looks on a background with the CIELCh color 53, 45.844, 30.107.

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, 45.844, 30.107

Protanopia

53, 14.206, 94.467

Deuteranopia

53, 25.490, 75.212



Tritanopia
53, 45.029, 20.769

Trichromacy



Original Color
53, 45.844, 30.107

Protanomaly
53, 21.601, 49.465

Deuteranomaly
53, 29.810, 51.212

Tritanomaly
53, 45.182, 24.139

Monochromacy



Original Color
53, 45.844, 30.107

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 15.763, 25.348

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 45.844, 30.107 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(197, 96, 89)` looks like.

```
.text, #text, p{  
    color:rgb(197, 96, 89)  
}
```

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(197, 96, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 96, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 45.844, 30.107 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(197, 96, 89) }
```

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

```
.border{ border-color:rgb(197, 96, 89) }
```

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

Here you see how a box with a 4 pixel rgb(197, 96, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 96, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 96, 89);  
box-shadow:4px 4px 4px 4px rgb(197, 96,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 45.844, 30.107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 96, 89) }
```

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

```
.background{ background-color: rgb(197, 96,  
89) }
```

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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