

Converting Colors

CIELCh(53, 59.452, 49.394)

Have a look what the booklet for
CIELCh(53, 59.452, 49.394) contains.

CIELCh(53, 59.526, 49.438)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(53, 59.526, 49.438)

Conversions

Conversions Part 1

Format	Color
Hex	C96031
RGB	201, 96, 49
RGB Percent	79%, 38%, 19%
CMY	0.2112, 0.6231, 0.8074
CMYK	0.00, 0.52, 0.76, 0.21
HSL	19°, 61%, 49%
HSV	19°, 76%, 79%
XYZ	28.8748, 21.0462, 5.4581
YIQ	122.0370, 77.6670, 7.6430

Conversions

Conversions Part 2

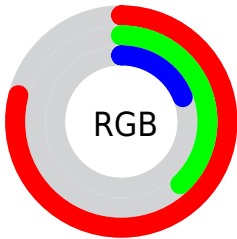
Format	Color
R_{YB}	201, 117, 49
Decimal	13197361
CIE Lab	53.00, 38.71, 45.22
CIE LCh	53, 59.526, 49.438
Yxy	21.0462, 0.5214, 0.3800
Android (android.graphics.Color)	4291387441 (0xFFC96031)
YUV	122.0370, -36.0072, 69.2506
Hunter-Lab	45.8761, 32.0660, 25.0593

Details

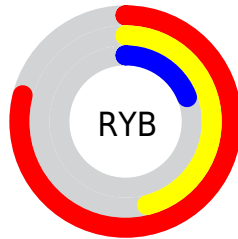
The CIELCh color **53, 59.526, 49.438** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **60, 35.446, 247.043**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 56.251, 51.052**, and **33, 59.246, 49.223** is the 20% darker color. If you saturate the color by 10%, you get **50, 68.470, 49.092**, and if you desaturate by 10%, it is **56, 50.220, 49.611**.

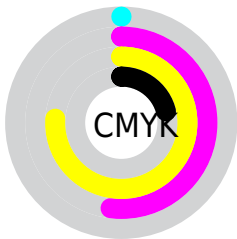
Distribution



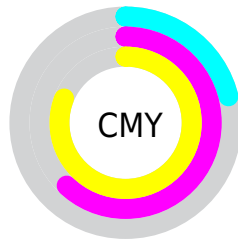
- Red (79%)
- Green (38%)
- Blue (19%)



- Red (79%)
- Yellow (46%)
- Blue (19%)



- Cyan (0%)
- Magenta (52%)
- Yellow (76%)
- Black (21%)



- Cyan (21%)
- Magenta (62%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 59.526, 49.438 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, 59.526, 49.438 by changing the saturation by 10% instead.

53, 59.526, 49.438

53, 59.526, 49.438

100, 59.526,
49.438

43, 59.526, 49.438

73, 59.526, 49.438

33, 59.526, 49.438

83, 59.526, 49.438

23, 59.526, 49.438

93, 59.526, 49.438

13, 59.526, 49.438

3, 59.526, 49.438

0, 59.526, 49.438

53, 59.526, 49.438

53, 59.526, 49.438

50, 68.470, 49.092

56, 50.220, 49.611

48, 75.917, 48.108

59, 41.130, 49.810

47, 78.852, 47.681

63, 32.497, 50.109

67, 24.413, 50.519

71, 16.890, 51.028

75, 9.906, 51.606

79, 3.419, 52.171

83, 2.618, 233.213

87, 8.255, 233.811

Harmonies

Complementary

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



53, 59.526, 49.438



60, 35.446, 247.043

Rectangle

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



53, 59.526, 49.438



53, 59.526, 99.438



53, 59.526, 229.438



53, 59.526, 279.438

Sweetspot

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



53, 59.524, 49.441



89, 18.250, 51.154



48, 71.649, 340.991



46, 12.810, 50.951



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, 59.524, 49.441



61, 88.132, 48.542



71, 62.625, 91.229



40, 3.490, 51.975



38, 67.140, 48.199



6, 13.514, 38.684

Inverse Universe

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



60, 35.446, 247.043



70, 47.624, 254.329



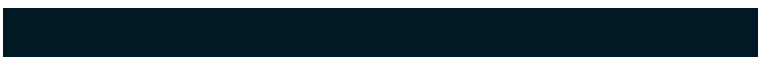
39, 73.617, 295.715



40, 3.323, 233.530



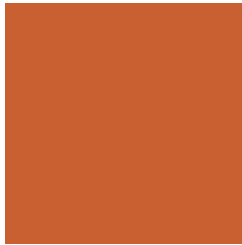
45, 35.428, 257.297



7, 11.447, 246.338

Previews

White Background



This preview shows how the CIELCh color 53, 59.526, 49.438 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, 59.526, 49.438 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, 59.526, 49.438

Background



This preview shows how black text looks on a background with the CIELCh color 53, 59.526, 49.438.



This preview shows how white text looks on a background with the CIELCh color 53, 59.526, 49.438.

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, 59.526, 49.438

Protanopia

53, 38.972, 95.614

Deuteranopia

53, 47.431, 81.871



Tritanopia
53, 48.709, 22.433

Trichromacy



Original Color
53, 59.526, 49.438

Protanomaly
52, 41.969, 73.237

Deuteranomaly
53, 49.364, 67.773

Tritanomaly
53, 50.964, 33.822

Monochromacy



Original Color
53, 59.526, 49.438

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 20.139, 51.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 59.526, 49.438 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(201, 96, 49)` looks like.

```
.text, #text, p{  
    color:rgb(201, 96, 49)  
}
```

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(201, 96, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 96, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 59.526, 49.438 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(201, 96, 49) }
```

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

```
.border{ border-color:rgb(201, 96, 49) }
```

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

Here you see how a box with a 4 pixel rgb(201, 96, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 96, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 96, 49);  
box-shadow:4px 4px 4px 4px rgb(201, 96,  
49) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 59.526, 49.438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 96, 49) }
```

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

```
.background{ background-color: rgb(201, 96,  
49) }
```

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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