

Converting Colors

CIELCh(53, 66.934, 61.775)

Have a look what the booklet for
CIELCh(53, 66.934, 61.775) contains.

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Color

CIELCh(53, 66.867, 61.654)

Conversions

Conversions Part 1

Format	Color
Hex	C2660B
RGB	194, 102, 11
RGB Percent	76%, 40%, 4%
CMY	0.2386, 0.5994, 0.9559
CMYK	0.00, 0.47, 0.94, 0.24
HSL	30°, 89%, 40%
HSV	30°, 94%, 76%
XYZ	27.1180, 21.0462, 2.9569
YIQ	119.1340, 84.0430, -8.7970

Conversions

Conversions Part 2

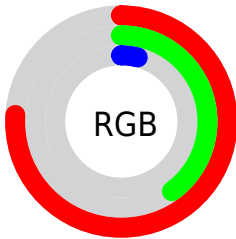
Format	Color
RYB	194, 192, 11
Decimal	12740107
CIELab	53.00, 31.75, 58.85
CIELCh	53, 66.867, 61.654
Yxy	21.0462, 0.5305, 0.4117
Android (android.graphics.Color)	4290930187 (0xFFC2660B)
YUV	119.1340, -53.3101, 65.6575
Hunter-Lab	45.8761, 25.2305, 28.2918

Details

The CIELCh color **53, 66.867, 61.654** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **44, 55.246, 281.381**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 66.444, 61.999**, and **33, 55.135, 53.873** is the 20% darker color. If you saturate the color by 10%, you get **52, 69.575, 60.199**, and if you desaturate by 10%, it is **55, 61.204, 63.922**.

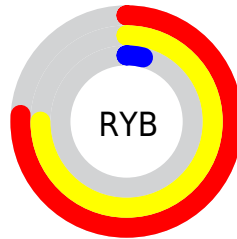
Distribution



Red (76%)

Green (40%)

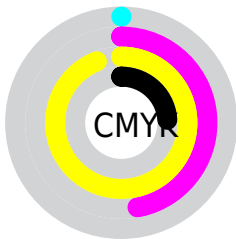
Blue (4%)



Red (76%)

Yellow (75%)

Blue (4%)

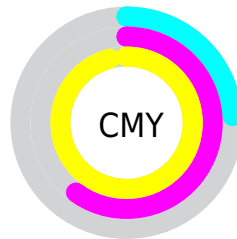


Cyan (0%)

Magenta (47%)

Yellow (94%)

Black (24%)



Cyan (24%)

Magenta (60%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 66.867, 61.654 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, 66.867, 61.654 by changing the saturation by 10% instead.

■ 53, 66.867, 61.654

■ 53, 66.867, 61.654

■ 100, 66.867,
61.654

■ 43, 66.867, 61.654

■ 73, 66.867, 61.654

■ 33, 66.867, 61.654

■ 83, 66.867, 61.654

■ 23, 66.867, 61.654

■ 93, 66.867, 61.654

■ 13, 66.867, 61.654

■ 3, 66.867, 61.654

■ 0, 66.867, 61.654

■ 53, 66.867, 61.654

■ 53, 66.867, 61.654

■ 52, 69.575, 60.199

■ 55, 61.204, 63.922

■ 58, 54.026, 65.617

60, 46.214, 67.039

63, 38.302, 68.348

66, 30.555, 69.616

68, 23.093, 70.868

71, 15.956, 72.109

74, 9.145, 73.327

77, 2.643, 74.446

Harmonies

Complementary

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



53, 66.867, 61.654



44, 55.246, 281.381

Rectangle

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



53, 66.867, 61.654



53, 66.867, 111.654



53, 66.867, 241.654



53, 66.867, 291.654

Sweetspot

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



53, 66.865, 61.657



89, 23.071, 71.585



42, 68.596, 358.398



46, 16.228, 71.039



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, 66.865, 61.657



66, 85.053, 59.553



75, 76.854, 101.946



39, 3.601, 73.898



43, 60.286, 60.774



6, 11.483, 57.887

Inverse Universe

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



44, 55.246, 281.381



54, 72.612, 284.704



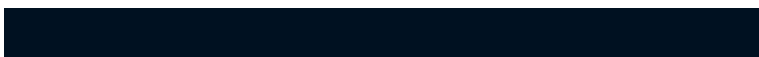
25, 105.415, 305.603



39, 3.523, 256.353



35, 50.280, 283.245



5, 12.779, 269.145

Previews

White Background



This preview shows how the CIELCh color 53, 66.867, 61.654 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, 66.867, 61.654 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, 66.867, 61.654

Background



This preview shows how black text looks on a background with the CIELCh color 53, 66.867, 61.654.



This preview shows how white text looks on a background with the CIELCh color 53, 66.867, 61.654.

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, 66.867, 61.654

Protanopia

53, 54.309, 95.224

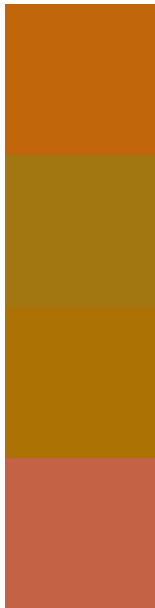
Deuteranopia

53, 59.517, 83.789



Tritanopia
53, 44.124, 20.495

Trichromacy



Original Color
53, 66.867, 61.654

Protanomaly
53, 56.062, 80.882

Deuteranomaly
53, 60.949, 74.829

Tritanomaly
53, 50.299, 43.006

Monochromacy



Original Color
53, 66.867, 61.654

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 24.789, 69.924

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 66.867, 61.654 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(194, 102, 11)` looks like.

```
.text, #text, p{  
    color:rgb(194, 102, 11)  
}
```

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(194, 102, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 102, 11) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 66.867, 61.654 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(194, 102, 11) }
```

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

```
.border{ border-color:rgb(194, 102, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 102, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 102, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 102, 11);  
box-shadow:4px 4px 4px 4px rgb(194, 102,  
11) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 66.867, 61.654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 102, 11) }
```

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

```
.background{ background-color: rgb(194,  
102, 11) }
```

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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