

Converting Colors

CIELCh(54, 62.667, 59.724)

Have a look what the booklet for
CIELCh(54, 62.667, 59.724) contains.

CIELCh(54, 62.637, 59.954)	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(54, 62.637, 59.954)

Conversions

Conversions Part 1

Format	Color
Hex	C4691E
RGB	196, 105, 30
RGB Percent	77%, 41%, 12%
CMY	0.2308, 0.5878, 0.8819
CMYK	0.00, 0.46, 0.85, 0.23
HSL	27°, 73%, 44%
HSV	27°, 85%, 77%
XYZ	28.0995, 21.9746, 3.9970
YIQ	123.6590, 78.3110, -4.0330

Conversions

Conversions Part 2

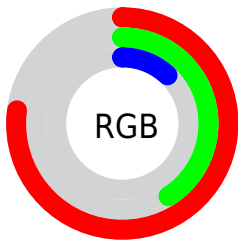
Format	Color
R _Y B	196, 167, 30
Decimal	12871966
CIE Lab	54.00, 31.36, 54.22
CIE LCh	54, 62.637, 59.954
Yxy	21.9746, 0.5197, 0.4064
Android (android.graphics.Color)	4291062046 (0xFFC4691E)
YUV	123.6590, -46.1739, 63.4431
Hunter-Lab	46.8770, 24.9634, 27.7585

Details

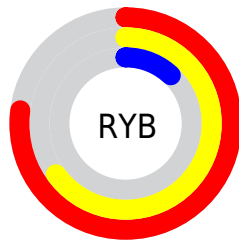
The CIELCh color **54, 62.637, 59.954** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **49, 46.292, 271.928**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 61.472, 60.494**, and **34, 55.316, 54.936** is the 20% darker color. If you saturate the color by 10%, you get **52, 68.773, 57.854**, and if you desaturate by 10%, it is **57, 55.019, 61.453**.

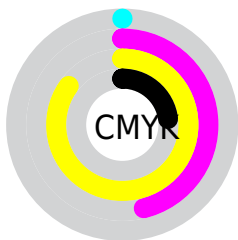
Distribution



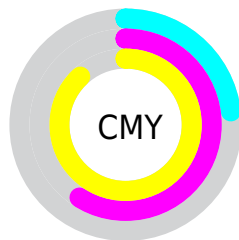
- Red (77%)
- Green (41%)
- Blue (12%)



- Red (77%)
- Yellow (65%)
- Blue (12%)



- Cyan (0%)
- Magenta (46%)
- Yellow (85%)
- Black (23%)



- Cyan (23%)
- Magenta (59%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 62.637, 59.954 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 54, 62.637, 59.954 by changing the saturation by 10% instead.

■ 54, 62.637, 59.954

■ 54, 62.637, 59.954

■ 100, 62.637,
59.954

■ 44, 62.637, 59.954

■ 74, 62.637, 59.954

■ 34, 62.637, 59.954

■ 84, 62.637, 59.954

■ 24, 62.637, 59.954

■ 94, 62.637, 59.954

■ 14, 62.637, 59.954

■ 4, 62.637, 59.954

■ 0, 62.637, 59.954

■ 54, 62.637, 59.954

■ 54, 62.637, 59.954

■ 52, 68.773, 57.854

■ 57, 55.019, 61.453

■ 50, 71.589, 56.624

■ 59, 46.859, 62.681

62, 38.695, 63.815

65, 30.784, 64.931

68, 23.232, 66.053

71, 16.069, 67.184

74, 9.288, 68.309

78, 2.863, 69.353

81, 3.238, 250.744

Harmonies

Complementary

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



54, 62.637, 59.954



49, 46.292, 271.928

Rectangle

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



54, 62.637, 59.954



54, 62.637, 109.954



54, 62.637, 239.954



54, 62.637, 289.954

Sweetspot

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



54, 62.635, 59.957



90, 20.217, 67.099



44, 68.095, 352.612



47, 13.932, 66.695



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 62.635, 59.957



65, 87.601, 55.987



75, 72.722, 100.336



39, 3.510, 68.888



42, 61.502, 57.226



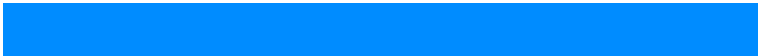
6, 11.466, 52.924

Inverse Universe

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



49, 46.292, 271.928



58, 66.691, 279.931



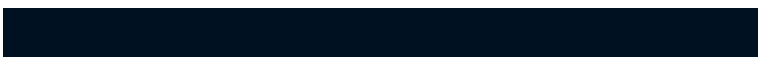
29, 96.210, 303.482



39, 3.410, 251.231



37, 45.905, 278.355



5, 12.170, 264.981

Previews

White Background



This preview shows how the CIELCh color 54, 62.637, 59.954 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 54, 62.637, 59.954 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 54, 62.637, 59.954

Background



This preview shows how black text looks on a background with the CIELCh color 54, 62.637, 59.954.



This preview shows how white text looks on a background with the CIELCh color 54, 62.637, 59.954.

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

54, 62.637, 59.954

Protanopia

54, 50.135, 95.801

Deuteranopia

54, 56.351, 82.810



Tritanopia
54, 43.515, 20.221

Trichromacy



Original Color
54, 62.637, 59.954

Protanomaly
54, 51.648, 80.385

Deuteranomaly
54, 57.487, 73.276

Tritanomaly
54, 47.723, 39.889

Monochromacy



Original Color
54, 62.637, 59.954

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 21.827, 65.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 62.637, 59.954 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(196, 105, 30)` looks like.

```
.text, #text, p{  
    color:rgb(196, 105, 30)  
}
```

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(196, 105, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 105, 30) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 62.637, 59.954 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(196, 105, 30) }
```

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

```
.border{ border-color:rgb(196, 105, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 105, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 105, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 105, 30);  
box-shadow:4px 4px 4px 4px rgb(196, 105,  
30) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 62.637, 59.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 105, 30) }
```

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

```
.background{ background-color: rgb(196,  
105, 30) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor