

Converting Colors

CIELCh(57, 53.262, 62.239)

Have a look what the booklet for
CIELCh(57, 53.262, 62.239) contains.

CIELCh(57, 53.262, 62.239)	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(57, 53.262, 62.239)

Conversions

Conversions Part 1

Format	Color
Hex	C37635
RGB	195, 118, 53
RGB Percent	76%, 46%, 21%
CMY	0.2341, 0.5362, 0.7911
CMYK	0.00, 0.39, 0.73, 0.23
HSL	27°, 57%, 49%
HSV	27°, 73%, 77%
XYZ	29.7446, 24.9227, 6.6420
YIQ	133.6130, 66.7570, -3.8910

Conversions

Conversions Part 2

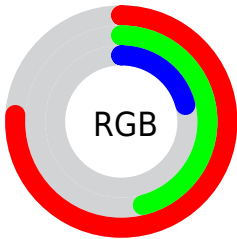
Format	Color
R _Y B	195, 173, 53
Decimal	12809781
CIE Lab	57.00, 24.81, 47.13
CIE LCh	57, 53.262, 62.239
Yxy	24.9227, 0.4852, 0.4065
Android (android.graphics.Color)	4290999861 (0xFFC37635)
YUV	133.6130, -39.7422, 53.8364
Hunter-Lab	49.9226, 18.9884, 27.0575

Details

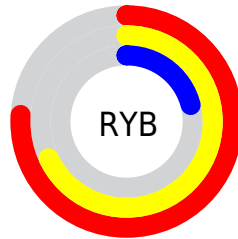
The CIELCh color **57, 53.262, 62.239** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **53, 40.696, 267.558**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 52.989, 62.729**, and **37, 53.021, 62.223** is the 20% darker color. If you saturate the color by 10%, you get **54, 60.963, 60.785**, and if you desaturate by 10%, it is **60, 45.134, 63.472**.

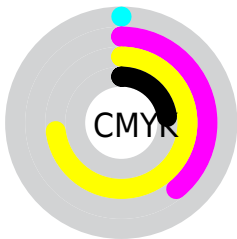
Distribution



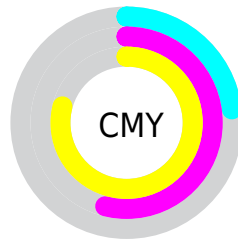
- Red (76%)
- Green (46%)
- Blue (21%)



- Red (76%)
- Yellow (68%)
- Blue (21%)



- Cyan (0%)
- Magenta (39%)
- Yellow (73%)
- Black (23%)



- Cyan (23%)
- Magenta (54%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 53.262, 62.239 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 57, 53.262, 62.239 by changing the saturation by 10% instead.

■ 57, 53.262, 62.239

■ 57, 53.262, 62.239

■ 100, 53.262,
62.239

■ 47, 53.262, 62.239

■ 77, 53.262, 62.239

■ 37, 53.262, 62.239

■ 87, 53.262, 62.239

■ 27, 53.262, 62.239

■ 97, 53.262, 62.239

■ 17, 53.262, 62.239

■ 7, 53.262, 62.239

■ 0, 53.262, 62.239

■ 57, 53.262, 62.239

■ 57, 53.262, 62.239

■ 54, 60.963, 60.785

■ 60, 45.134, 63.472

■ 52, 67.385, 58.801

■ 63, 37.056, 64.625

51, 71.151, 57.083

65, 29.248, 65.763

69, 21.798, 66.906

72, 14.729, 68.054

75, 8.029, 69.189

78, 1.674, 70.153

81, 4.370, 251.612

85, 10.135,
252.671

Harmonies

Complementary

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



57, 53.262, 62.239



53, 40.696, 267.558

Rectangle

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



57, 53.262, 62.239



57, 53.262, 112.239



57, 53.262, 242.239



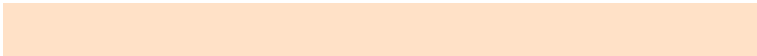
57, 53.262, 292.239

Sweetspot

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



57, 53.261, 62.242



91, 17.682, 68.097



47, 63.007, 349.775



48, 11.971, 67.781



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



57, 53.261, 62.242



68, 79.228, 59.755



75, 66.135, 101.141



39, 3.521, 69.560



42, 61.330, 57.674



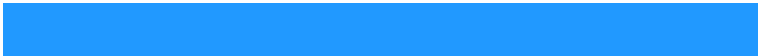
6, 11.464, 53.556

Inverse Universe

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



53, 40.696, 267.558



62, 59.265, 274.356



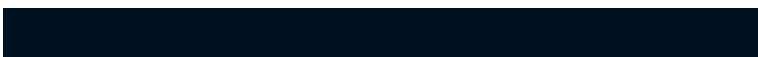
34, 82.529, 300.830



39, 3.424, 251.921



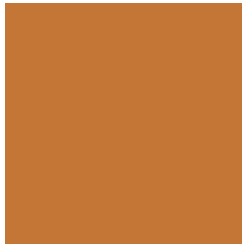
37, 46.460, 279.040



5, 12.249, 265.567

Previews

White Background



This preview shows how the CIELCh color 57, 53.262, 62.239 looks on a white background.

Color Contrast Check

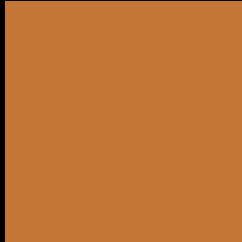
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 53.262, 62.239 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 57, 53.262, 62.239

Background



This preview shows how black text looks on a background with the CIELCh color 57, 53.262, 62.239.



This preview shows how white text looks on a background with the CIELCh color 57, 53.262, 62.239.

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

57, 53.262, 62.239

Protanopia

57, 43.235, 95.169

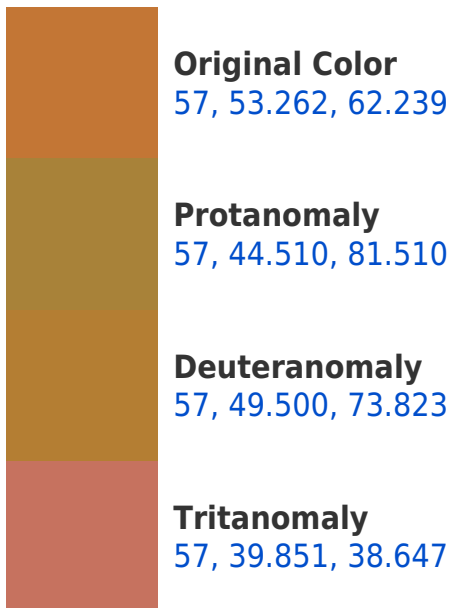
Deuteranopia

57, 48.252, 81.063

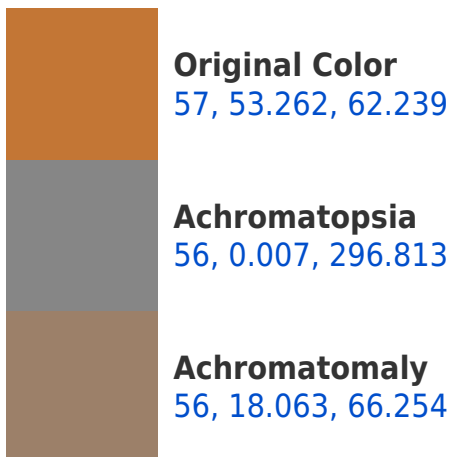


Tritanopia
57, 37.235, 17.248

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 53.262, 62.239 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(195, 118, 53)` looks like.

```
.text, #text, p{  
    color:rgb(195, 118, 53)  
}
```

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(195, 118, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 118, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 53.262, 62.239 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(195, 118, 53) }
```

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

```
.border{ border-color:rgb(195, 118, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 118, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 118, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 118, 53);  
box-shadow:4px 4px 4px 4px rgb(195, 118,  
53) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 53.262, 62.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 118, 53) }
```

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

```
.background{ background-color: rgb(195,  
118, 53) }
```

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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