

Converting Colors

CIELCh(61, 60.323, 53.140)

Have a look what the booklet for
CIELCh(61, 60.323, 53.140) contains.

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Color

CIELCh(61, 60.323, 53.140)

Conversions

Conversions Part 1

Format	Color
Hex	DF773E
RGB	223, 119, 62
RGB Percent	87%, 47%, 24%
CMY	0.1253, 0.5331, 0.7567
CMYK	0.00, 0.47, 0.72, 0.13
HSL	21°, 72%, 56%
HSV	21°, 72%, 87%
XYZ	37.9195, 29.2481, 8.2101
YIQ	143.5980, 80.2810, 4.3210

Conversions

Conversions Part 2

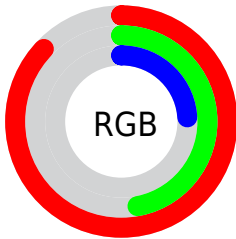
Format	Color
R_{YB}	223, 150, 62
Decimal	14645054
CIE _{Lab}	61.00, 36.19, 48.26
CIE _{LCh}	61, 60.323, 53.140
Yxy	29.2481, 0.5031, 0.3880
Android (android.graphics.Color)	4292835134 (0xFFDF773E)
YUV	143.5980, -40.2278, 69.6356
Hunter-Lab	54.0815, 30.5132, 28.8563

Details

The CIELCh color **61, 60.323, 53.140** 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 **65, 39.055, 253.176**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 49.406, 61.077**, and **41, 60.350, 52.967** is the 20% darker color. If you saturate the color by 10%, you get **58, 69.890, 52.440**, and if you desaturate by 10%, it is **64, 50.533, 53.696**.

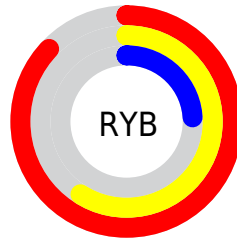
Distribution



Red (87%)

Green (47%)

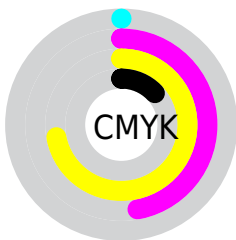
Blue (24%)



Red (87%)

Yellow (59%)

Blue (24%)

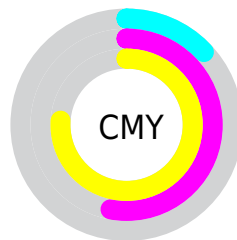


Cyan (0%)

Magenta (47%)

Yellow (72%)

Black (13%)



Cyan (13%)

Magenta (53%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 60.323, 53.140 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 61, 60.323, 53.140 by changing the saturation by 10% instead.

61, 60.323, 53.140

61, 60.323, 53.140

100, 60.323,
53.140

51, 60.323, 53.140

81, 60.323, 53.140

41, 60.323, 53.140

91, 60.323, 53.140

31, 60.323, 53.140

21, 60.323, 53.140

11, 60.323, 53.140

1, 60.323, 53.140

0, 60.323, 53.140

61, 60.323, 53.140

61, 60.323, 53.140

58, 69.890, 52.440

64, 50.533, 53.696

55, 78.209, 51.223

68, 41.026, 54.259

53, 83.327, 49.836

72, 32.010, 54.888

76, 23.555, 55.591

80, 15.664, 56.357

84, 8.306, 57.155

88, 1.436, 57.721

92, 4.997, 239.065

96, 9.186, 219.530

Harmonies

Complementary

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



61, 60.323, 53.140



65, 39.055, 253.176

Rectangle

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



61, 60.323, 53.140



61, 60.323, 103.140



61, 60.323, 233.140



61, 60.323, 283.140

Sweetspot

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



61, 60.321, 53.143



90, 17.314, 56.358



54, 73.471, 343.449



47, 11.747, 56.144



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 60.321, 53.143



64, 82.632, 51.873



80, 67.941, 95.060



45, 3.853, 57.370



42, 69.403, 50.421



9, 20.391, 44.702

Inverse Universe

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



65, 39.055, 253.176



69, 49.510, 259.956



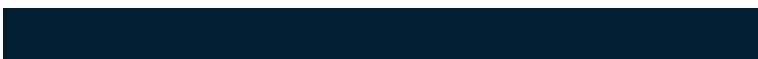
43, 81.244, 297.113



45, 3.687, 239.267



46, 40.661, 265.300



11, 15.120, 255.258

Previews

White Background



This preview shows how the CIELCh color 61, 60.323, 53.140 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 61, 60.323, 53.140 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 61, 60.323, 53.140

Background



This preview shows how black text looks on a background with the CIELCh color 61, 60.323, 53.140.



This preview shows how white text looks on a background with the CIELCh color 61, 60.323, 53.140.

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

61, 60.323, 53.140

Protanopia

61, 42.441, 95.564

Deuteranopia

61, 50.286, 80.773



Tritanopia
61, 47.957, 20.177

Trichromacy



Original Color
61, 60.323, 53.140

Protanomaly
60, 44.723, 75.887

Deuteranomaly
61, 52.270, 69.053

Tritanomaly
61, 50.215, 34.629

Monochromacy



Original Color
61, 60.323, 53.140

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 20.396, 55.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 60.323, 53.140 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(223, 119, 62)` looks like.

```
.text, #text, p{  
    color:rgb(223, 119, 62)  
}
```

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(223, 119, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 119, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 60.323, 53.140 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(223, 119, 62) }
```

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

```
.border{ border-color:rgb(223, 119, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 119, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 119, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 119, 62);  
box-shadow:4px 4px 4px 4px rgb(223, 119,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 60.323, 53.140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 119, 62) }
```

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

```
.background{ background-color: rgb(223,  
119, 62) }
```

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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