

Converting Colors

CIELCh(60, 52.466, 55.344)

Have a look what the booklet for
CIELCh(60, 52.466, 55.344) contains.

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Color

CIELCh(60, 52.367, 55.381)

Conversions

Conversions Part 1

Format	Color
Hex	D27A45
RGB	210, 122, 69
RGB Percent	82%, 48%, 27%
CMY	0.1757, 0.5209, 0.7288
CMYK	0.00, 0.42, 0.67, 0.18
HSL	23°, 61%, 55%
HSV	23°, 67%, 82%
XYZ	34.6946, 28.1233, 9.2559
YIQ	142.2700, 69.4610, 2.1730

Conversions

Conversions Part 2

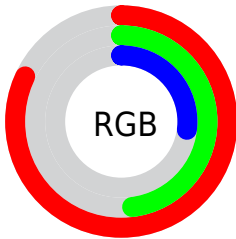
Format	Color
R_{YB}	210, 154, 69
Decimal	13793861
CIE Lab	60.00, 29.75, 43.10
CIE LCh	60, 52.367, 55.381
Yxy	28.1233, 0.4814, 0.3902
Android (android.graphics.Color)	4291983941 (0xFFD27A45)
YUV	142.2700, -36.1221, 59.3992
Hunter-Lab	53.0314, 23.9744, 26.7738

Details

The CIELCh color **60, 52.367, 55.381** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **62, 36.130, 254.470**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 46.639, 59.878**, and **40, 52.114, 55.438** is the 20% darker color. If you saturate the color by 10%, you get **57, 61.514, 54.613**, and if you desaturate by 10%, it is **63, 43.270, 56.088**.

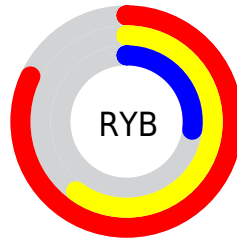
Distribution



Red (82%)

Green (48%)

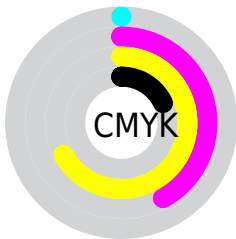
Blue (27%)



Red (82%)

Yellow (60%)

Blue (27%)

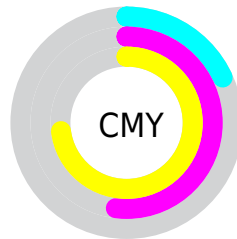


Cyan (0%)

Magenta (42%)

Yellow (67%)

Black (18%)



Cyan (18%)

Magenta (52%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 52.367, 55.381 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 60, 52.367, 55.381 by changing the saturation by 10% instead.

60, 52.367, 55.381

60, 52.367, 55.381

100, 52.367,
55.381

50, 52.367, 55.381

80, 52.367, 55.381

40, 52.367, 55.381

90, 52.367, 55.381

30, 52.367, 55.381

20, 52.367, 55.381

10, 52.367, 55.381

0, 52.367, 55.381

60, 52.367, 55.381

60, 52.367, 55.381

57, 61.514, 54.613

63, 43.270, 56.088

54, 70.037, 53.538

67, 34.537, 56.818

52, 76.803, 51.752

70, 26.287, 57.604

51, 78.625, 51.265

74, 18.551, 58.444

78, 11.315, 59.323

82, 4.543, 60.187

85, 1.809, 241.500

89, 7.785, 242.247

93, 12.395,
236.961

Harmonies

Complementary

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



60, 52.367, 55.381



62, 36.130, 254.470

Rectangle

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



60, 52.367, 55.381



60, 52.367, 105.381



60, 52.367, 235.381



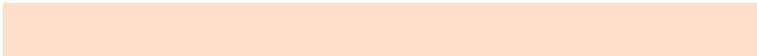
60, 52.367, 285.381

Sweetspot

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



60, 52.366, 55.385



91, 15.646, 59.046



52, 66.240, 343.629



47, 10.778, 58.795



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 52.366, 55.385



67, 76.062, 54.157



77, 61.931, 96.717



42, 3.644, 59.997



41, 66.279, 51.861



7, 16.230, 44.147

Inverse Universe

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



62, 36.130, 254.470



69, 48.637, 260.501



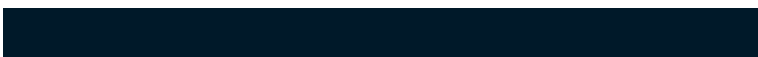
43, 72.862, 296.361



42, 3.499, 242.016



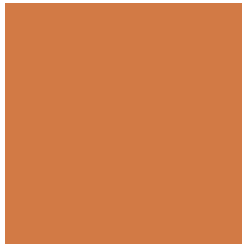
43, 40.929, 268.493



8, 13.707, 256.823

Previews

White Background



This preview shows how the CIELCh color 60, 52.367, 55.381 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 60, 52.367, 55.381 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 60, 52.367, 55.381

Background



This preview shows how black text looks on a background with the CIELCh color 60, 52.367, 55.381.



This preview shows how white text looks on a background with the CIELCh color 60, 52.367, 55.381.

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

60, 52.367, 55.381

Protanopia

60, 37.976, 95.590

Deuteranopia

60, 44.824, 80.340



Tritanopia
60, 41.127, 18.297

Trichromacy



Original Color
60, 52.367, 55.381

Protanomaly
60, 40.200, 78.084

Deuteranomaly
60, 46.026, 69.961

Tritanomaly
60, 43.065, 34.119

Monochromacy



Original Color
60, 52.367, 55.381

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 17.513, 57.818

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 52.367, 55.381 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(210, 122, 69)` looks like.

```
.text, #text, p{  
    color:rgb(210, 122, 69)  
}
```

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(210, 122, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 122, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 52.367, 55.381 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(210, 122, 69) }
```

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

```
.border{ border-color:rgb(210, 122, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 122, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 122, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 122, 69);  
box-shadow:4px 4px 4px 4px rgb(210, 122,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 52.367, 55.381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 122, 69) }
```

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

```
.background{ background-color: rgb(210,  
122, 69) }
```

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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