

Converting Colors

CIELCh(62, 66.442, 60.345)

Have a look what the booklet for
CIELCh(62, 66.442, 60.345) contains.

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Color

CIELCh(62, 66.369, 60.344)

Conversions

Conversions Part 1

Format	Color
Hex	DF7C2B
RGB	223, 124, 43
RGB Percent	87%, 49%, 17%
CMY	0.1242, 0.5126, 0.8302
CMYK	0.00, 0.44, 0.81, 0.12
HSL	27°, 74%, 52%
HSV	27°, 81%, 88%
XYZ	38.2181, 30.4025, 6.1671
YIQ	144.3670, 85.0050, -4.2030

Conversions

Conversions Part 2

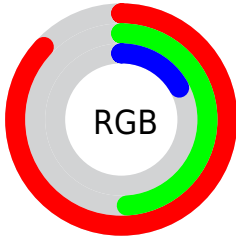
Format	Color
R _Y B	223, 190, 43
Decimal	14646315
CIE Lab	62.00, 32.84, 57.68
CIE LCh	62, 66.369, 60.344
Yxy	30.4025, 0.5110, 0.4065
Android (android.graphics.Color)	4292836395 (0xFFDF7C2B)
YUV	144.3670, -49.9739, 68.9611
Hunter-Lab	55.1385, 27.2311, 31.9656

Details

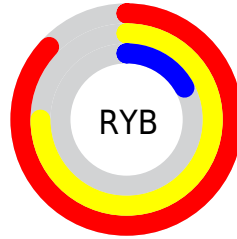
The CIELCh color **62, 66.369, 60.344** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **57, 49.060, 270.192**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 56.427, 68.578**, and **42, 61.374, 57.816** is the 20% darker color. If you saturate the color by 10%, you get **59, 73.894, 58.489**, and if you desaturate by 10%, it is **65, 57.586, 61.724**.

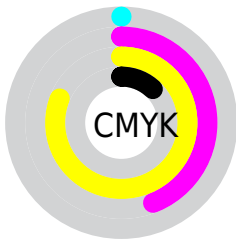
Distribution



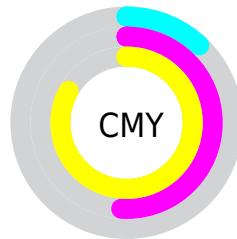
- Red (87%)
- Green (49%)
- Blue (17%)



- Red (87%)
- Yellow (75%)
- Blue (17%)



- Cyan (0%)
- Magenta (44%)
- Yellow (81%)
- Black (12%)



- Cyan (12%)
- Magenta (51%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 66.369, 60.344 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 62, 66.369, 60.344 by changing the saturation by 10% instead.

62, 66.369, 60.344

62, 66.369, 60.344

100, 66.369,
60.344

52, 66.369, 60.344

82, 66.369, 60.344

42, 66.369, 60.344

92, 66.369, 60.344

32, 66.369, 60.344

22, 66.369, 60.344

12, 66.369, 60.344

2, 66.369, 60.344

0, 66.369, 60.344

62, 66.369, 60.344

62, 66.369, 60.344

59, 73.894, 58.489

65, 57.586, 61.724

57, 79.161, 56.149

68, 48.457, 62.906

71, 39.456, 64.029

74, 30.798, 65.148

78, 22.566, 66.277

81, 14.772, 67.412

85, 7.398, 68.531

89, 0.412, 68.660

92, 6.225, 250.929

Harmonies

Complementary

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



62, 66.369, 60.344



57, 49.060, 270.192

Rectangle

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



62, 66.369, 60.344



62, 66.369, 110.344



62, 66.369, 240.344



62, 66.369, 290.344

Sweetspot

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



62, 66.367, 60.347



90, 19.341, 67.008



51, 74.431, 350.518



47, 13.423, 66.600



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 66.367, 60.347



65, 86.021, 56.647



83, 77.565, 99.550



45, 3.959, 68.657



45, 65.958, 56.797



11, 19.731, 54.642

Inverse Universe

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



57, 49.060, 270.192



59, 64.538, 278.290



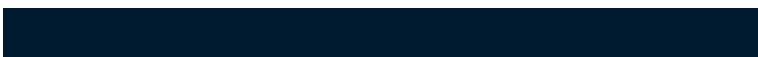
35, 100.530, 302.306



45, 3.843, 251.033



41, 49.223, 278.505



9, 17.445, 268.800

Previews

White Background



This preview shows how the CIELCh color 62, 66.369, 60.344 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 62, 66.369, 60.344 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 66.369, 60.344

Background



This preview shows how black text looks on a background with the CIELCh color 62, 66.369, 60.344.



This preview shows how white text looks on a background with the CIELCh color 62, 66.369, 60.344.

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

62, 66.369, 60.344

Protanopia

62, 53.279, 95.812

Deuteranopia

62, 59.443, 82.515



Tritanopia
62, 46.400, 19.025

Trichromacy



Original Color
62, 66.369, 60.344

Protanomaly
62, 54.597, 80.645

Deuteranomaly
62, 60.506, 73.704

Tritanomaly
62, 50.683, 39.050

Monochromacy



Original Color
62, 66.369, 60.344

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 22.886, 65.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 66.369, 60.344 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, 124, 43)` looks like.

```
.text, #text, p{  
    color:rgb(223, 124, 43)  
}
```

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, 124, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 124, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 66.369, 60.344 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, 124, 43) }
```

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

```
.border{ border-color:rgb(223, 124, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 124, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 124, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 124, 43);  
box-shadow:4px 4px 4px 4px rgb(223, 124,  
43) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 66.369, 60.344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 124, 43) }
```

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

```
.background{ background-color: rgb(223,  
124, 43) }
```

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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