

Converting Colors

CIELCh(62, 52.884, 66.493)

Have a look what the booklet for
CIELCh(62, 52.884, 66.493) contains.

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Color

CIELCh(62, 52.900, 66.846)

Conversions

Conversions Part 1

Format	Color
Hex	CD863E
RGB	205, 134, 62
RGB Percent	80%, 53%, 24%
CMY	0.1958, 0.4743, 0.7566
CMYK	0.00, 0.35, 0.70, 0.20
HSL	30°, 59%, 52%
HSV	30°, 70%, 80%
XYZ	34.5987, 30.4025, 8.6099
YIQ	147.0210, 65.4280, -7.3400

Conversions

Conversions Part 2

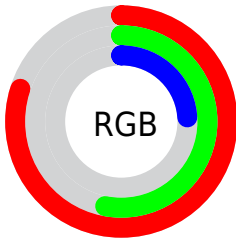
Format	Color
RYB	203, 205, 62
Decimal	13469246
CIELab	62.00, 20.80, 48.64
CIElCh	62, 52.900, 66.846
Yxy	30.4025, 0.4700, 0.4130
Android (android.graphics.Color)	4291659326 (0xFFCD863E)
YUV	147.0210, -41.9154, 50.8476
Hunter-Lab	55.1385, 15.5141, 29.3388

Details

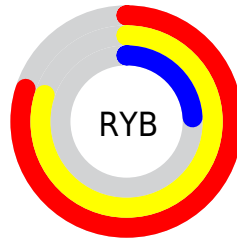
The CIELCh color **62, 52.900, 66.846** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **54, 43.708, 271.783**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 49.610, 70.390**, and **42, 52.845, 66.802** is the 20% darker color. If you saturate the color by 10%, you get **59, 60.718, 65.266**, and if you desaturate by 10%, it is **65, 44.674, 68.238**.

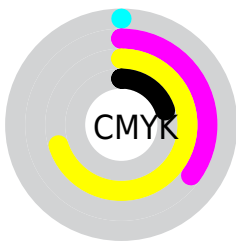
Distribution



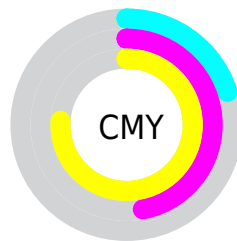
- Red (80%)
- Green (53%)
- Blue (24%)



- Red (80%)
- Yellow (80%)
- Blue (24%)



- Cyan (0%)
- Magenta (35%)
- Yellow (70%)
- Black (20%)



- Cyan (20%)
- Magenta (47%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 52.900, 66.846 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, 52.900, 66.846 by changing the saturation by 10% instead.

62, 52.900, 66.846

62, 52.900, 66.846

100, 52.900,
66.846

52, 52.900, 66.846

82, 52.900, 66.846

42, 52.900, 66.846

92, 52.900, 66.846

32, 52.900, 66.846

22, 52.900, 66.846

12, 52.900, 66.846

2, 52.900, 66.846

0, 52.900, 66.846

62, 52.900, 66.846

62, 52.900, 66.846

59, 60.718, 65.266

65, 44.674, 68.238

57, 67.352, 63.254

67, 36.471, 69.549

55, 72.201, 60.656

70, 28.496, 70.830

55, 72.330, 60.593

73, 20.834, 72.096

76, 13.508, 73.345

79, 6.511, 74.557

83, 0.179, 257.912

86, 6.590, 257.074

89, 12.750,
258.197

Harmonies

Complementary

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



62, 52.900, 66.846



54, 43.708, 271.783

Rectangle

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



62, 52.900, 66.846



62, 52.900, 116.846



62, 52.900, 246.846



62, 52.900, 296.846

Sweetspot

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



62, 52.899, 66.849



92, 17.214, 73.155



50, 62.316, 352.623



48, 11.727, 72.807



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, 52.899, 66.849



71, 75.973, 64.269



80, 69.298, 103.954



41, 3.774, 74.597



45, 61.560, 61.213



8, 14.350, 58.306

Inverse Universe

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



54, 43.708, 271.783



60, 62.328, 278.087



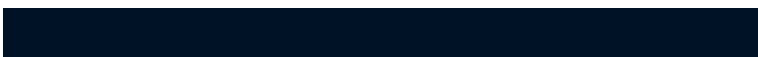
36, 86.496, 301.747



41, 3.694, 257.078



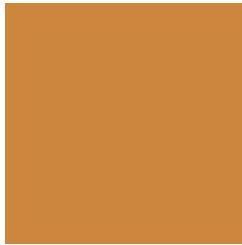
36, 52.258, 284.018



5, 15.213, 271.495

Previews

White Background



This preview shows how the CIELCh color 62, 52.900, 66.846 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, 52.900, 66.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

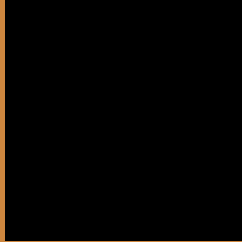
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 52.900, 66.846

Background



This preview shows how black text looks on a background with the CIELCh color 62, 52.900, 66.846.



This preview shows how white text looks on a background with the CIELCh color 62, 52.900, 66.846.

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, 52.900, 66.846

Protanopia

62, 45.349, 95.314

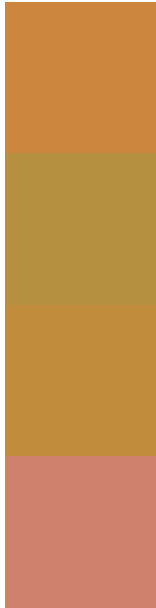
Deuteranopia

62, 49.749, 80.791



Tritanopia
62, 34.782, 14.357

Trichromacy



Original Color
62, 52.900, 66.846

Protanomaly
62, 46.501, 83.717

Deuteranomaly
62, 50.528, 75.408

Tritanomaly
62, 36.928, 39.910

Monochromacy



Original Color
62, 52.900, 66.846

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 18.439, 71.633

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 52.900, 66.846 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(205, 134, 62)` looks like.

```
.text, #text, p{  
    color:rgb(205, 134, 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(205, 134, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 134, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 52.900, 66.846 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(205, 134, 62) }
```

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

```
.border{ border-color:rgb(205, 134, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 134, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 134, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 134, 62);  
box-shadow:4px 4px 4px 4px rgb(205, 134,  
62) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 52.900, 66.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 134, 62) }
```

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

```
.background{ background-color: rgb(205,  
134, 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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