

Converting Colors

CIELCh(62, 45.369, 67.615)

Have a look what the booklet for
CIELCh(62, 45.369, 67.615) contains.

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Color

CIELCh(62, 45.326, 67.990)

Conversions

Conversions Part 1

Format	Color
Hex	C6894B
RGB	198, 137, 75
RGB Percent	78%, 54%, 29%
CMY	0.2236, 0.4627, 0.7059
CMYK	0.00, 0.31, 0.62, 0.22
HSL	30°, 52%, 54%
HSV	30°, 62%, 78%
XYZ	33.5017, 30.4025, 10.7581
YIQ	148.1710, 56.2580, -6.3500

Conversions

Conversions Part 2

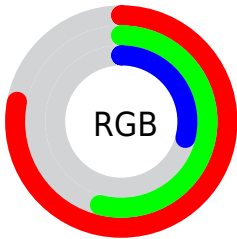
Format	Color
RYB	196, 198, 75
Decimal	13011275
CIELab	62.00, 16.99, 42.02
CIElCh	62, 45.326, 67.990
Yxy	30.4025, 0.4487, 0.4072
Android (android.graphics.Color)	4291201355 (0xFFC6894B)
YUV	148.1710, -36.0733, 43.7000
Hunter-Lab	55.1385, 11.9628, 27.0289

Details

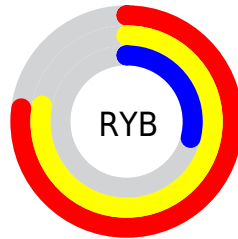
The CIELCh color **62, 45.326, 67.990** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **55, 38.096, 269.064**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 44.324, 68.625**, and **42, 45.379, 68.224** is the 20% darker color. If you saturate the color by 10%, you get **59, 53.274, 66.576**, and if you desaturate by 10%, it is **65, 37.327, 69.315**.

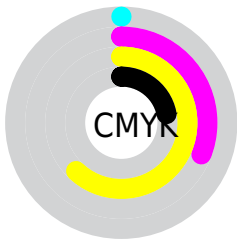
Distribution



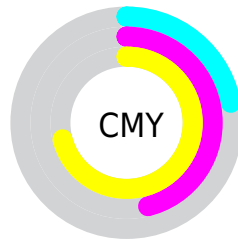
- Red (78%)
- Green (54%)
- Blue (29%)



- Red (77%)
- Yellow (78%)
- Blue (29%)



- Cyan (0%)
- Magenta (31%)
- Yellow (62%)
- Black (22%)



- Cyan (22%)
- Magenta (46%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 45.326, 67.990 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, 45.326, 67.990 by changing the saturation by 10% instead.

■ 62, 45.326, 67.990

■ 62, 45.326, 67.990

■ 100, 45.326,
67.990

■ 52, 45.326, 67.990

■ 82, 45.326, 67.990

■ 42, 45.326, 67.990

■ 92, 45.326, 67.990

■ 32, 45.326, 67.990

■ 22, 45.326, 67.990

■ 12, 45.326, 67.990

■ 2, 45.326, 67.990

■ 0, 45.326, 67.990

■ 62, 45.326, 67.990

■ 62, 45.326, 67.990

■ 59, 53.274, 66.576

■ 65, 37.327, 69.315

57, 60.693, 64.926

67, 29.516, 70.599

55, 66.749, 62.776

70, 21.996, 71.866

53, 70.406, 60.737

73, 14.799, 73.118

76, 7.924, 74.341

79, 1.351, 75.341

82, 4.945, 256.874

85, 10.992,
257.991

89, 16.817,
259.096

Harmonies

Complementary

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



62, 45.326, 67.990



55, 38.096, 269.064

Rectangle

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



62, 45.326, 67.990



62, 45.326, 117.990



62, 45.326, 247.990



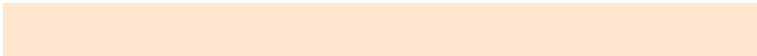
62, 45.326, 297.990

Sweetspot

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



62, 45.325, 67.994



93, 15.506, 73.469



50, 55.601, 351.025



49, 10.744, 73.110



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, 45.325, 67.994



74, 68.171, 65.955



78, 61.556, 104.489



40, 3.697, 74.664



44, 60.831, 61.312



7, 12.956, 57.960

Inverse Universe

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



55, 38.096, 269.064



64, 55.932, 274.286



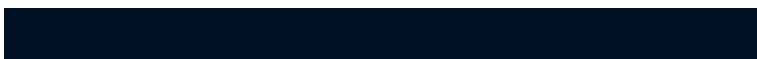
39, 74.238, 300.028



40, 3.620, 257.139



35, 51.662, 284.016



5, 14.086, 270.661

Previews

White Background



This preview shows how the CIELCh color 62, 45.326, 67.990 looks on a white background.

Color Contrast Check

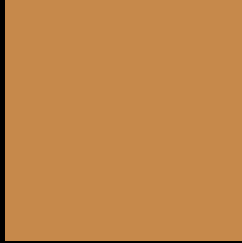
Large Text (above 18pt) WCAG AA × Fail

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, 45.326, 67.990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

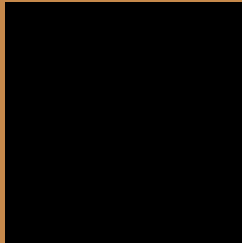
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 45.326, 67.990

Background



This preview shows how black text looks on a background with the CIELCh color 62, 45.326, 67.990.



This preview shows how white text looks on a background with the CIELCh color 62, 45.326, 67.990.

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, 45.326, 67.990

Protanopia

62, 39.410, 95.304

Deuteranopia

62, 42.965, 79.238



Tritanopia
62, 30.124, 13.335

Trichromacy



Original Color
62, 45.326, 67.990

Protanomaly
62, 40.030, 83.974

Deuteranomaly
62, 43.862, 75.087

Tritanomaly
62, 31.257, 39.508

Monochromacy



Original Color
62, 45.326, 67.990

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 15.940, 73.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 45.326, 67.990 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(198, 137, 75)` looks like.

```
.text, #text, p{  
    color:rgb(198, 137, 75)  
}
```

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(198, 137, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 137, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 45.326, 67.990 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(198, 137, 75) }
```

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

```
.border{ border-color:rgb(198, 137, 75) }
```

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

Here you see how a box with a 4 pixel rgb(198, 137, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 137, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 137, 75);  
box-shadow:4px 4px 4px 4px rgb(198, 137,  
75) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 45.326, 67.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 137, 75) }
```

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

```
.background{ background-color: rgb(198,  
137, 75) }
```

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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