

Converting Colors

CIELCh(62, 42.955, 67.517)

Have a look what the booklet for
CIELCh(62, 42.955, 67.517) contains.

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Color

CIELCh(62, 43.271, 67.082)

Conversions

Conversions Part 1

Format	Color
Hex	C5894F
RGB	197, 137, 79
RGB Percent	77%, 54%, 31%
CMY	0.2267, 0.4621, 0.6896
CMYK	0.00, 0.30, 0.60, 0.23
HSL	29°, 51%, 54%
HSV	29°, 60%, 77%
XYZ	33.4629, 30.4025, 11.5324
YIQ	148.3280, 54.3780, -5.3180

Conversions

Conversions Part 2

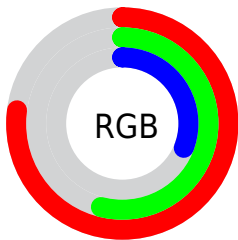
Format	Color
RYB	197, 193, 79
Decimal	12945743
CIELab	62.00, 16.85, 39.86
CIELCh	62, 43.271, 67.082
Yxy	30.4025, 0.4438, 0.4032
Android (android.graphics.Color)	4291135823 (0xFFC5894F)
YUV	148.3280, -34.1787, 42.6853
Hunter-Lab	55.1385, 11.8372, 26.1962

Details

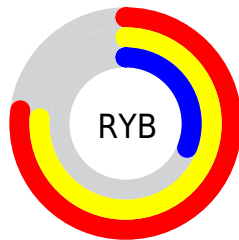
The CIELCh color **62, 43.271, 67.082** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **56, 36.018, 266.894**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 42.630, 67.213**, and **42, 43.429, 66.888** is the 20% darker color. If you saturate the color by 10%, you get **59, 51.300, 65.743**, and if you desaturate by 10%, it is **65, 35.293, 68.357**.

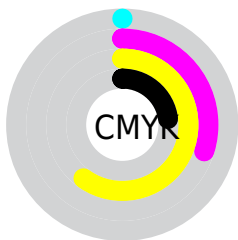
Distribution



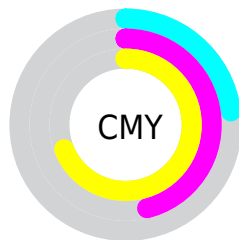
- Red (77%)
- Green (54%)
- Blue (31%)



- Red (77%)
- Yellow (76%)
- Blue (31%)



- Cyan (0%)
- Magenta (30%)
- Yellow (60%)
- Black (23%)



- Cyan (23%)
- Magenta (46%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 43.271, 67.082 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, 43.271, 67.082 by changing the saturation by 10% instead.

62, 43.271, 67.082

62, 43.271, 67.082

100, 43.271,
67.082

52, 43.271, 67.082

82, 43.271, 67.082

42, 43.271, 67.082

92, 43.271, 67.082

32, 43.271, 67.082

22, 43.271, 67.082

12, 43.271, 67.082

2, 43.271, 67.082

0, 43.271, 67.082

62, 43.271, 67.082

62, 43.271, 67.082

59, 51.300, 65.743

65, 35.293, 68.357

57, 58.975, 64.213

68, 27.560, 69.603

55, 65.550, 62.256

71, 20.148, 70.839

52, 70.488, 59.748

73, 13.076, 72.063

52, 70.561, 59.715

77, 6.335, 73.254

80, 0.099, 258.273

83, 6.253, 255.745

86, 12.158,
256.854

89, 17.160,
256.224

Harmonies

Complementary

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



62, 43.271, 67.082



56, 36.018, 266.894

Rectangle

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



62, 43.271, 67.082



62, 43.271, 117.082



62, 43.271, 247.082



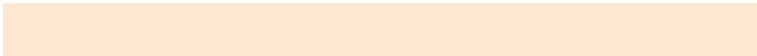
62, 43.271, 297.082

Sweetspot

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



62, 43.270, 67.086



93, 14.550, 72.255



51, 54.200, 349.528



49, 10.184, 71.896



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, 43.270, 67.086



74, 65.359, 65.276



77, 58.677, 103.865



40, 3.667, 73.308



44, 61.140, 60.281



7, 12.950, 56.444

Inverse Universe

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



56, 36.018, 266.894



66, 52.720, 271.687



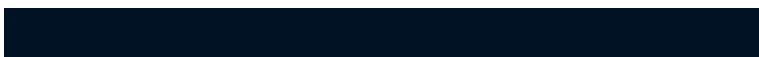
41, 69.774, 298.967



40, 3.584, 255.761



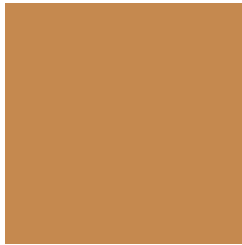
36, 50.381, 282.760



5, 13.882, 269.564

Previews

White Background



This preview shows how the CIELCh color 62, 43.271, 67.082 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 CIE LCh color 62, 43.271, 67.082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

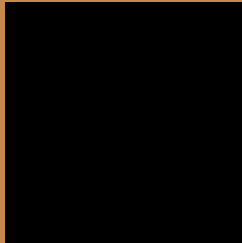
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 43.271, 67.082

Background



This preview shows how black text looks on a background with the CIELCh color 62, 43.271, 67.082.



This preview shows how white text looks on a background with the CIELCh color 62, 43.271, 67.082.

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, 43.271, 67.082

Protanopia

62, 36.788, 95.621

Deuteranopia

62, 40.853, 78.850



Tritanopia
62, 29.729, 12.089

Trichromacy



Original Color
62, 43.271, 67.082

Protanomaly
62, 37.884, 83.768

Deuteranomaly
62, 41.765, 74.506

Tritanomaly
62, 30.339, 37.888

Monochromacy



Original Color
62, 43.271, 67.082

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 14.992, 71.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 43.271, 67.082 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(197, 137, 79)` looks like.

```
.text, #text, p{  
    color:rgb(197, 137, 79)  
}
```

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(197, 137, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 137, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 43.271, 67.082 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(197, 137, 79) }
```

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

```
.border{ border-color:rgb(197, 137, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 137, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 137, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 137, 79);  
box-shadow:4px 4px 4px 4px rgb(197, 137,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 43.271, 67.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 137, 79) }
```

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

```
.background{ background-color: rgb(197,  
137, 79) }
```

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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