

Converting Colors

CIELCh(59, 46.889, 62.422)

Have a look what the booklet for
CIELCh(59, 46.889, 62.422) contains.

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Color

CIELCh(59, 46.964, 62.387)

Conversions

Conversions Part 1

Format	Color
Hex	C47E45
RGB	196, 126, 69
RGB Percent	77%, 49%, 27%
CMY	0.2320, 0.5064, 0.7299
CMYK	0.00, 0.36, 0.65, 0.23
HSL	27°, 52%, 52%
HSV	27°, 65%, 77%
XYZ	31.2356, 27.0277, 9.1792
YIQ	140.4320, 60.0170, -2.8870

Conversions

Conversions Part 2

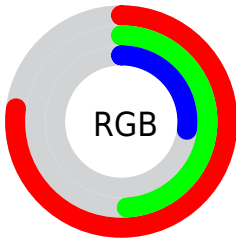
Format	Color
RYB	196, 172, 69
Decimal	12877381
CIELab	59.00, 21.77, 41.61
CIELCh	59, 46.964, 62.387
Yxy	27.0277, 0.4631, 0.4008
Android (android.graphics.Color)	4291067461 (0xFFC47E45)
YUV	140.4320, -35.2160, 48.7331
Hunter-Lab	51.9882, 16.2672, 25.9234

Details

The CIELCh color **59, 46.964, 62.387** is a dark color, and the websafe version is hex **CC9966**. The color can be described as dark muted orange. A complement of this color would be **56, 36.354, 263.498**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 46.648, 62.814**, and **39, 46.852, 62.635** is the 20% darker color. If you saturate the color by 10%, you get **56, 55.128, 61.175**, and if you desaturate by 10%, it is **62, 38.794, 63.512**.

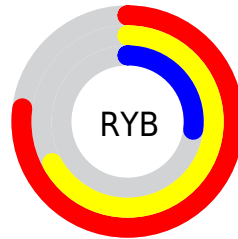
Distribution



Red (77%)

Green (49%)

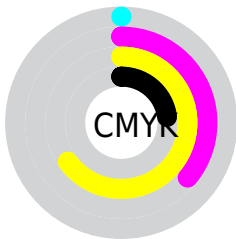
Blue (27%)



Red (77%)

Yellow (67%)

Blue (27%)

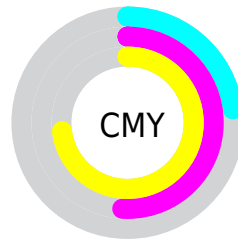


Cyan (0%)

Magenta (36%)

Yellow (65%)

Black (23%)



Cyan (23%)

Magenta (51%)

Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 46.964, 62.387 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 59, 46.964, 62.387 by changing the saturation by 10% instead.

 59, 46.964, 62.387

 59, 46.964, 62.387

 100, 46.964,
62.387

 49, 46.964, 62.387

 79, 46.964, 62.387

 39, 46.964, 62.387

 89, 46.964, 62.387

 29, 46.964, 62.387

 99, 46.964, 62.387

 19, 46.964, 62.387

 9, 46.964, 62.387

 0, 46.964, 62.387

 59, 46.964, 62.387

 59, 46.964, 62.387

 56, 55.128, 61.175

 62, 38.794, 63.512

 54, 62.745, 59.688

 65, 30.880, 64.616

51, 68.869, 57.585

68, 23.328, 65.728

50, 71.607, 56.416

71, 16.167, 66.850

74, 9.392, 67.969

78, 2.976, 69.011

81, 3.114, 250.398

84, 8.911, 251.416

88, 14.450,
252.473

Harmonies

Complementary

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



59, 46.964, 62.387



56, 36.354, 263.498

Rectangle

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



59, 46.964, 62.387



59, 46.964, 112.387



59, 46.964, 242.387



59, 46.964, 292.387

Sweetspot

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



59, 46.963, 62.391



92, 15.090, 67.471



49, 58.872, 347.223



48, 10.470, 67.145



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 46.963, 62.391



71, 71.467, 60.571



75, 59.911, 100.872



39, 3.505, 68.565



42, 61.586, 57.013



6, 11.468, 52.624

Inverse Universe

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



56, 36.354, 263.498



66, 52.931, 269.175



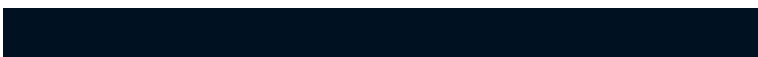
39, 71.661, 298.348



39, 3.404, 250.899



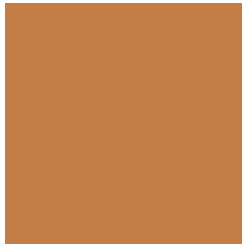
37, 45.641, 278.022



5, 12.133, 264.696

Previews

White Background



This preview shows how the CIELCh color 59, 46.964, 62.387 looks on a white background.

Color Contrast Check

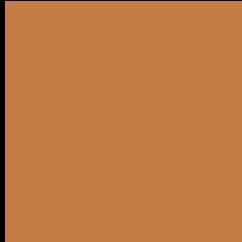
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 46.964, 62.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

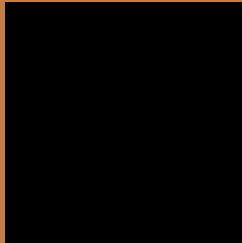
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 46.964, 62.387

Background



This preview shows how black text looks on a background with the CIELCh color 59, 46.964, 62.387.



This preview shows how white text looks on a background with the CIELCh color 59, 46.964, 62.387.

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

59, 46.964, 62.387

Protanopia

59, 38.462, 96.248

Deuteranopia

59, 42.840, 79.982



Tritanopia
59, 33.888, 15.028

Trichromacy



Original Color
59, 46.964, 62.387

Protanomaly
59, 39.605, 82.624

Deuteranomaly
59, 43.541, 72.894

Tritanomaly
59, 35.312, 36.452

Monochromacy



Original Color
59, 46.964, 62.387

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 16.073, 67.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 46.964, 62.387 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(196, 126, 69)` looks like.

```
.text, #text, p{  
    color:rgb(196, 126, 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(196, 126, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 126, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 46.964, 62.387 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(196, 126, 69) }
```

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

```
.border{ border-color:rgb(196, 126, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 126, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 126, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 126, 69);  
box-shadow:4px 4px 4px 4px rgb(196, 126,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 46.964, 62.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 126, 69) }
```

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

```
.background{ background-color: rgb(196,  
126, 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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