

Converting Colors

CIELCh(62, 39.607, 68.748)

Have a look what the booklet for
CIELCh(62, 39.607, 68.748) contains.

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Color

CIELCh(62, 39.509, 68.426)

Conversions

Conversions Part 1

Format	Color
Hex	C18B55
RGB	193, 139, 85
RGB Percent	76%, 55%, 33%
CMY	0.2437, 0.4554, 0.6671
CMYK	0.00, 0.28, 0.56, 0.24
HSL	30°, 46%, 54%
HSV	30°, 56%, 76%
XYZ	32.8068, 30.4025, 12.7089
YIQ	148.9900, 49.5180, -5.3460

Conversions

Conversions Part 2

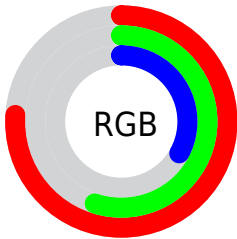
Format	Color
RYB	193, 193, 85
Decimal	12684117
CIELab	62.00, 14.53, 36.74
CIElCh	62, 39.509, 68.426
Yxy	30.4025, 0.4321, 0.4005
Android (android.graphics.Color)	4290874197 (0xFFC18B55)
YUV	148.9900, -31.5471, 38.5968
Hunter-Lab	55.1385, 9.7131, 24.9311

Details

The CIELCh color **62, 39.509, 68.426** 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, 33.598, 266.599**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 39.480, 68.737**, and **42, 39.595, 68.752** is the 20% darker color. If you saturate the color by 10%, you get **59, 47.373, 67.098**, and if you desaturate by 10%, it is **65, 31.770, 69.711**.

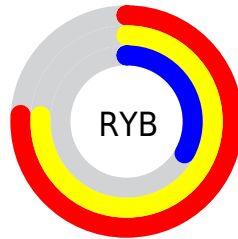
Distribution



Red (76%)

Green (55%)

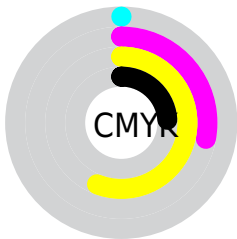
Blue (33%)



Red (76%)

Yellow (76%)

Blue (33%)

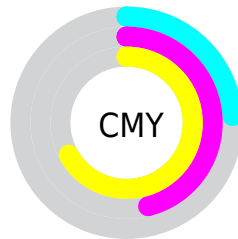


Cyan (0%)

Magenta (28%)

Yellow (56%)

Black (24%)



Cyan (24%)

Magenta (46%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 39.509, 68.426 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, 39.509, 68.426 by changing the saturation by 10% instead.

62, 39.509, 68.426

62, 39.509, 68.426

100, 39.509,
68.426

52, 39.509, 68.426

82, 39.509, 68.426

42, 39.509, 68.426

92, 39.509, 68.426

32, 39.509, 68.426

22, 39.509, 68.426

12, 39.509, 68.426

2, 39.509, 68.426

0, 39.509, 68.426

62, 39.509, 68.426

62, 39.509, 68.426

59, 47.373, 67.098

65, 31.770, 69.711

57, 55.059, 65.632

67, 24.294, 70.972

55, 61.976, 63.853

70, 17.134, 72.221

52, 67.230, 61.453

73, 10.295, 73.449

52, 69.129, 60.476

76, 3.765, 74.613

79, 2.481, 256.050

82, 8.471, 257.114

85, 14.231,
258.226

88, 18.339,
255.961

Harmonies

Complementary

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



62, 39.509, 68.426



56, 33.598, 266.599

Rectangle

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



62, 39.509, 68.426



62, 39.509, 118.426



62, 39.509, 248.426



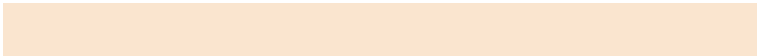
62, 39.509, 298.426

Sweetspot

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



62, 39.509, 68.430



92, 13.551, 73.294



51, 49.897, 349.919



48, 9.106, 73.047



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



62, 39.509, 68.430



75, 59.525, 66.810



76, 55.163, 104.972



39, 3.609, 74.236



43, 60.211, 61.031



6, 11.488, 58.244

Inverse Universe

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



56, 33.598, 266.599



67, 49.115, 270.675



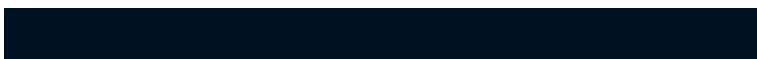
42, 64.811, 298.667



39, 3.532, 256.697



35, 50.596, 283.558



5, 12.823, 269.410

Previews

White Background



This preview shows how the CIELCh color 62, 39.509, 68.426 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, 39.509, 68.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

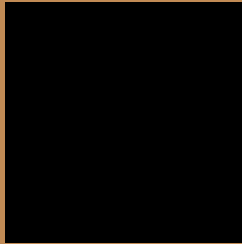
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 39.509, 68.426

Background



This preview shows how black text looks on a background with the CIELCh color 62, 39.509, 68.426.



This preview shows how white text looks on a background with the CIELCh color 62, 39.509, 68.426.

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, 39.509, 68.426

Protanopia

62, 34.124, 95.931

Deuteranopia

62, 37.760, 77.813



Tritanopia
62, 26.825, 10.521

Trichromacy



Original Color
62, 39.509, 68.426

Protanomaly
62, 34.614, 85.310

Deuteranomaly
62, 38.595, 74.621

Tritanomaly
62, 27.052, 38.347

Monochromacy



Original Color
62, 39.509, 68.426

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 13.549, 71.178

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 39.509, 68.426 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(193, 139, 85)` looks like.

```
.text, #text, p{  
    color:rgb(193, 139, 85)  
}
```

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(193, 139, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 139, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 39.509, 68.426 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(193, 139, 85) }
```

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

```
.border{ border-color:rgb(193, 139, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 139, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 139, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 139, 85);  
box-shadow:4px 4px 4px 4px rgb(193, 139,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 39.509, 68.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 139, 85) }
```

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

```
.background{ background-color: rgb(193,  
139, 85) }
```

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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