

Converting Colors

CIELCh(61, 32.475, 69.918)

Have a look what the booklet for
CIELCh(61, 32.475, 69.918) contains.

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Color

CIELCh(61, 32.425, 69.950)

Conversions

Conversions Part 1

Format	Color
Hex	B78B5E
RGB	183, 139, 94
RGB Percent	72%, 55%, 37%
CMY	0.2833, 0.4557, 0.6322
CMYK	0.00, 0.24, 0.49, 0.28
HSL	30°, 38%, 54%
HSV	30°, 49%, 72%
XYZ	30.6874, 29.2481, 14.5707
YIQ	147.0260, 40.6690, -4.6670

Conversions

Conversions Part 2

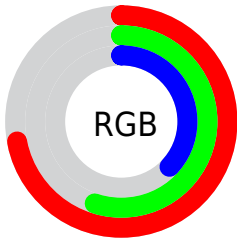
Format	Color
RYB	181, 183, 94
Decimal	12028766
CIELab	61.00, 11.12, 30.46
CIElCh	61, 32.425, 69.950
Yxy	29.2481, 0.4119, 0.3926
Android (android.graphics.Color)	4290218846 (0xFFB78B5E)
YUV	147.0260, -26.1418, 31.5492
Hunter-Lab	54.0815, 6.6434, 21.8831

Details

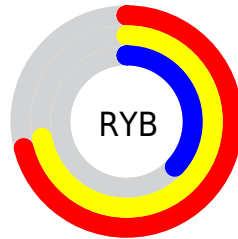
The CIELCh color **61, 32.425, 69.950** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **56, 28.342, 265.052**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 32.435, 69.347**, and **41, 32.371, 69.514** is the 20% darker color. If you saturate the color by 10%, you get **58, 39.868, 68.655**, and if you desaturate by 10%, it is **64, 25.200, 71.228**.

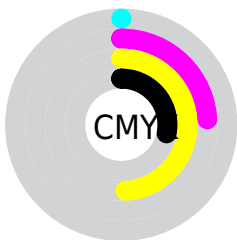
Distribution



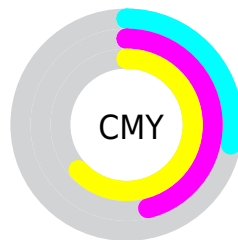
- Red (72%)
- Green (55%)
- Blue (37%)



- Red (71%)
- Yellow (72%)
- Blue (37%)



- Cyan (0%)
- Magenta (24%)
- Yellow (49%)
- Black (28%)



- Cyan (28%)
- Magenta (46%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 32.425, 69.950 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 61, 32.425, 69.950 by changing the saturation by 10% instead.

61, 32.425, 69.950

61, 32.425, 69.950

100, 32.425,
69.950

51, 32.425, 69.950

81, 32.425, 69.950

41, 32.425, 69.950

91, 32.425, 69.950

31, 32.425, 69.950

21, 32.425, 69.950

11, 32.425, 69.950

1, 32.425, 69.950

0, 32.425, 69.950

61, 32.425, 69.950

61, 32.425, 69.950

58, 39.868, 68.655

64, 25.200, 71.228

56, 47.364, 67.287

66, 18.261, 72.487

54, 54.569, 65.752

69, 11.622, 73.727

52, 60.838, 63.843

72, 5.277, 74.924

49, 65.576, 61.389

75, 0.795, 256.624

49, 66.216, 61.097

78, 6.619, 257.423

80, 12.221,
258.538

83, 17.625,
259.627

86, 21.450,
257.964

Harmonies

Complementary

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



61, 32.425, 69.950



56, 28.342, 265.052

Rectangle

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



61, 32.425, 69.950



61, 32.425, 119.950



61, 32.425, 249.950



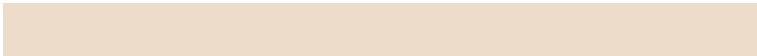
61, 32.425, 299.950

Sweetspot

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



61, 32.425, 69.955



89, 11.444, 74.145



52, 42.085, 348.755



47, 7.909, 73.889



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



61, 32.425, 69.955



74, 48.722, 68.617



73, 46.567, 105.600



37, 3.463, 74.848



42, 58.642, 61.605



5, 8.783, 61.837

Inverse Universe

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



56, 28.342, 265.052



67, 41.391, 268.091



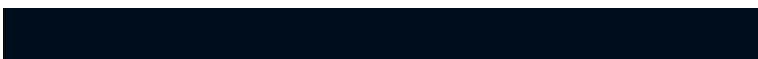
44, 53.150, 297.116



37, 3.393, 257.302



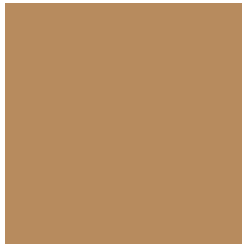
33, 49.836, 283.983



4, 10.268, 267.814

Previews

White Background



This preview shows how the CIELCh color 61, 32.425, 69.950 looks on a white background.

Color Contrast Check

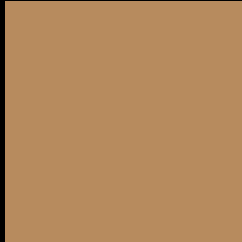
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 61, 32.425, 69.950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

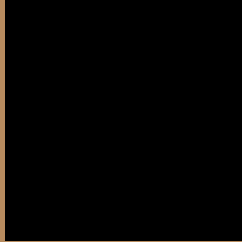
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 32.425, 69.950

Background



This preview shows how black text looks on a background with the CIELCh color 61, 32.425, 69.950.



This preview shows how white text looks on a background with the CIELCh color 61, 32.425, 69.950.

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

61, 32.425, 69.950

Protanopia

61, 28.349, 95.438

Deuteranopia

61, 31.825, 75.825



Tritanopia
61, 22.388, 7.516

Trichromacy



Original Color
61, 32.425, 69.950

Protanomaly
61, 28.897, 85.599

Deuteranomaly
61, 32.179, 73.396

Tritanomaly
61, 21.958, 36.019

Monochromacy



Original Color
61, 32.425, 69.950

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 11.158, 72.985

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 32.425, 69.950 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(183, 139, 94)` looks like.

```
.text, #text, p{  
    color:rgb(183, 139, 94)  
}
```

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(183, 139, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 139, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 32.425, 69.950 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(183, 139, 94) }
```

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

```
.border{ border-color:rgb(183, 139, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 139, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 139, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 139, 94);  
box-shadow:4px 4px 4px 4px rgb(183, 139,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 32.425, 69.950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 139, 94) }
```

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

```
.background{ background-color: rgb(183,  
139, 94) }
```

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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