

Converting Colors

CIELCh(61, 46.760, 73.214)

Have a look what the booklet for
CIELCh(61, 46.760, 73.214) contains.

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Color

CIELCh(61, 46.771, 73.296)

Conversions

Conversions Part 1

Format	Color
Hex	BF8943
RGB	191, 137, 67
RGB Percent	75%, 54%, 26%
CMY	0.2522, 0.4638, 0.7383
CMYK	0.00, 0.28, 0.65, 0.25
HSL	34°, 49%, 50%
HSV	34°, 65%, 75%
XYZ	31.3162, 29.2481, 9.2628
YIQ	145.1660, 54.6540, -10.3220

Conversions

Conversions Part 2

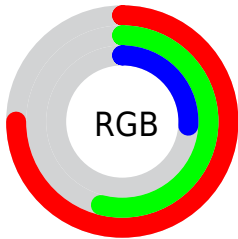
Format	Color
RYB	163, 191, 67
Decimal	12552515
CIELab	61.00, 13.44, 44.80
CIELCh	61, 46.771, 73.296
Yxy	29.2481, 0.4485, 0.4189
Android (android.graphics.Color)	4290742595 (0xFFBF8943)
YUV	145.1660, -38.5358, 40.1964
Hunter-Lab	54.0815, 8.7185, 27.7022

Details

The CIELCh color **61, 46.771, 73.296** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **50, 42.258, 276.146**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 46.428, 73.138**, and **41, 46.943, 73.017** is the 20% darker color. If you saturate the color by 10%, you get **59, 54.047, 71.694**, and if you desaturate by 10%, it is **63, 39.182, 74.769**.

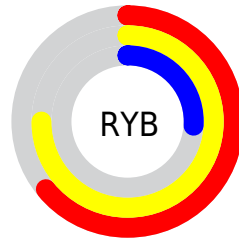
Distribution



Red (75%)

Green (54%)

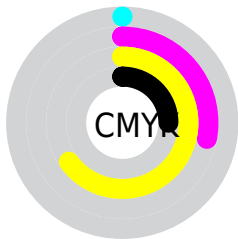
Blue (26%)



Red (64%)

Yellow (75%)

Blue (26%)

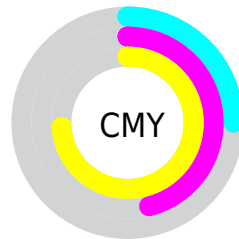


Cyan (0%)

Magenta (28%)

Yellow (65%)

Black (25%)



Cyan (25%)

Magenta (46%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 46.771, 73.296 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, 46.771, 73.296 by changing the saturation by 10% instead.

■ 61, 46.771, 73.296

■ 61, 46.771, 73.296

■ 100, 46.771,
73.296

■ 51, 46.771, 73.296

■ 81, 46.771, 73.296

■ 41, 46.771, 73.296

■ 91, 46.771, 73.296

■ 31, 46.771, 73.296

■ 21, 46.771, 73.296

■ 11, 46.771, 73.296

■ 1, 46.771, 73.296

■ 0, 46.771, 73.296

■ 61, 46.771, 73.296

■ 61, 46.771, 73.296

■ 59, 54.047, 71.694

■ 63, 39.182, 74.769

57, 60.439, 69.806

66, 31.595, 76.172

55, 65.111, 67.381

68, 24.164, 77.535

54, 67.047, 66.087

71, 16.955, 78.866

73, 9.991, 80.159

76, 3.269, 81.368

79, 3.226, 262.790

81, 9.511, 263.917

84, 15.607,
265.046

Harmonies

Complementary

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



61, 46.771, 73.296



50, 42.258, 276.146

Rectangle

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



61, 46.771, 73.296



61, 46.771, 123.296



61, 46.771, 253.296



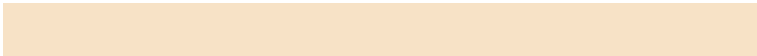
61, 46.771, 303.296

Sweetspot

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



61, 46.771, 73.300



91, 16.613, 79.477



48, 54.771, 355.015



48, 11.486, 79.107



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



61, 46.771, 73.300



74, 69.198, 70.940



75, 62.019, 106.781



39, 3.703, 80.864



45, 58.277, 66.633



6, 10.282, 67.124

Inverse Universe

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



50, 42.258, 276.146



58, 62.824, 281.402



36, 75.458, 301.515



38, 3.658, 263.371



31, 56.589, 289.254



4, 12.306, 273.178

Previews

White Background



This preview shows how the CIELCh color 61, 46.771, 73.296 looks on a white background.

Color Contrast Check

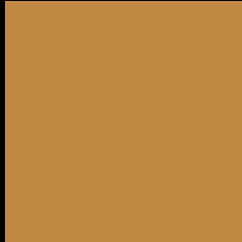
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 46.771, 73.296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

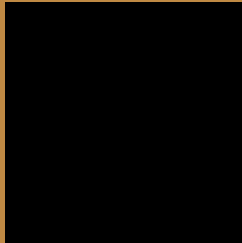
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 46.771, 73.296

Background



This preview shows how black text looks on a background with the CIELCh color 61, 46.771, 73.296.



This preview shows how white text looks on a background with the CIELCh color 61, 46.771, 73.296.

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, 46.771, 73.296

Protanopia

61, 42.842, 96.209

Deuteranopia

61, 45.641, 79.602



Tritanopia
61, 27.741, 11.054

Trichromacy



Original Color
61, 46.771, 73.296

Protanomaly
61, 43.226, 87.535

Deuteranomaly
61, 46.179, 77.365

Tritanomaly
61, 29.339, 42.766

Monochromacy



Original Color
61, 46.771, 73.296

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 16.466, 77.658

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 46.771, 73.296 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(191, 137, 67)` looks like.

```
.text, #text, p{  
    color:rgb(191, 137, 67)  
}
```

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(191, 137, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 137, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 46.771, 73.296 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(191, 137, 67) }
```

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

```
.border{ border-color:rgb(191, 137, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 137, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 137, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 137, 67);  
box-shadow:4px 4px 4px 4px rgb(191, 137,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 46.771, 73.296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 137, 67) }
```

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

```
.background{ background-color: rgb(191,  
137, 67) }
```

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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