

Converting Colors

CIELCh(66, 62.883, 74.072)

Have a look what the booklet for
CIELCh(66, 62.883, 74.072) contains.

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Color

CIELCh(66, 62.853, 74.042)

Conversions

Conversions Part 1

Format	Color
Hex	D7932D
RGB	215, 147, 45
RGB Percent	84%, 58%, 18%
CMY	0.1585, 0.4249, 0.8251
CMYK	0.00, 0.32, 0.79, 0.16
HSL	36°, 68%, 51%
HSV	36°, 79%, 84%
XYZ	38.7433, 35.3238, 7.2193
YIQ	155.7040, 73.2700, -17.3060

Conversions

Conversions Part 2

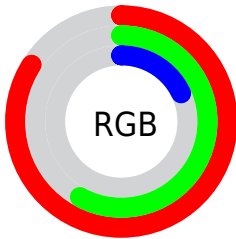
Format	Color
R _Y B	158, 215, 45
Decimal	14127917
CIE Lab	66.00, 17.28, 60.43
CIE LCh	66, 62.853, 74.042
Yxy	35.3238, 0.4766, 0.4346
Android (android.graphics.Color)	4292317997 (0xFFD7932D)
YUV	155.7040, -54.5771, 52.0026
Hunter-Lab	59.4338, 12.3501, 34.4019

Details

The CIELCh color **66, 62.853, 74.042** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle washed orange. A complement of this color would be **48, 60.382, 284.647**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 57.808, 81.676**, and **46, 56.933, 71.669** is the 20% darker color. If you saturate the color by 10%, you get **64, 68.718, 71.922**, and if you desaturate by 10%, it is **68, 55.465, 75.799**.

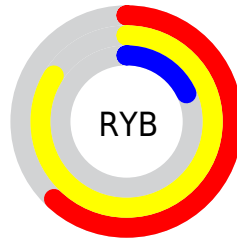
Distribution



Red (84%)

Green (58%)

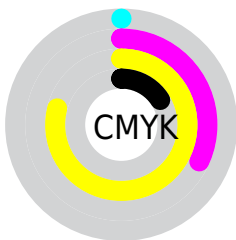
Blue (18%)



Red (62%)

Yellow (84%)

Blue (18%)

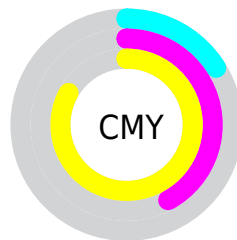


Cyan (0%)

Magenta (32%)

Yellow (79%)

Black (16%)



Cyan (16%)

Magenta (42%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 62.853, 74.042 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 66, 62.853, 74.042 by changing the saturation by 10% instead.

■ 66, 62.853, 74.042

■ 66, 62.853, 74.042

■ 100, 62.853,
74.042

■ 56, 62.853, 74.042

■ 86, 62.853, 74.042

■ 46, 62.853, 74.042

■ 96, 62.853, 74.042

■ 36, 62.853, 74.042

■ 26, 62.853, 74.042

■ 16, 62.853, 74.042

■ 6, 62.853, 74.042

■ 0, 62.853, 74.042

■ 66, 62.853, 74.042

■ 66, 62.853, 74.042

■ 64, 68.718, 71.922

■ 68, 55.465, 75.799

62, 72.455, 69.264

71, 47.353, 77.365

62, 72.735, 69.057

73, 39.007, 78.835

75, 30.692, 80.249

78, 22.537, 81.624

81, 14.597, 82.959

83, 6.889, 84.240

86, 0.592, 266.062

89, 7.858, 266.801

Harmonies

Complementary

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



66, 62.853, 74.042



48, 60.382, 284.647

Rectangle

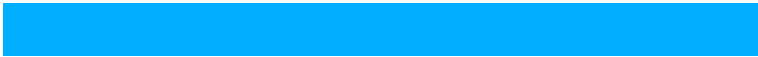
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66, 62.853, 74.042



66, 62.853, 124.042



66, 62.853, 254.042



66, 62.853, 304.042

Sweetspot

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



66, 62.852, 74.045



93, 21.141, 82.293



49, 67.927, 3.029



48, 14.603, 81.810



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 62.852, 74.045



73, 81.273, 70.155



82, 78.509, 108.731



44, 4.240, 84.214



50, 61.315, 69.633



11, 17.457, 71.199

Inverse Universe

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



48, 60.382, 284.647



50, 84.470, 291.307



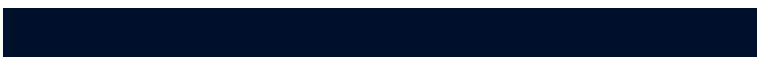
33, 100.986, 304.824



42, 4.207, 266.748



32, 64.373, 292.197



5, 19.662, 280.695

Previews

White Background



This preview shows how the CIELCh color 66, 62.853, 74.042 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 66, 62.853, 74.042 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 66, 62.853, 74.042

Background



This preview shows how black text looks on a background with the CIELCh color 66, 62.853, 74.042.



This preview shows how white text looks on a background with the CIELCh color 66, 62.853, 74.042.

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

66, 62.853, 74.042

Protanopia

66, 58.200, 95.446

Deuteranopia

66, 61.537, 82.282



Tritanopia
66, 34.301, 14.032

Trichromacy



Original Color
66, 62.853, 74.042

Protanomaly
66, 58.759, 87.203

Deuteranomaly
66, 61.966, 79.234

Tritanomaly
66, 39.015, 47.560

Monochromacy



Original Color
66, 62.853, 74.042

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 23.235, 80.567

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 62.853, 74.042 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(215, 147, 45)` looks like.

```
.text, #text, p{  
    color:rgb(215, 147, 45)  
}
```

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(215, 147, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 147, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 62.853, 74.042 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(215, 147, 45) }
```

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

```
.border{ border-color:rgb(215, 147, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 147, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 147, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 147, 45);  
box-shadow:4px 4px 4px 4px rgb(215, 147,  
45) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 62.853, 74.042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 147, 45) }
```

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

```
.background{ background-color: rgb(215,  
147, 45) }
```

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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