

Converting Colors

CIELCh(62, 73.955, 67.138)

Have a look what the booklet for
CIELCh(62, 73.955, 67.138) contains.

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Color

CIELCh(62, 73.880, 67.014)

Conversions

Conversions Part 1

Format	Color
Hex	DB7F03
RGB	219, 127, 3
RGB Percent	86%, 50%, 1%
CMY	0.1395, 0.5006, 0.9893
CMYK	0.00, 0.42, 0.99, 0.14
HSL	35°, 98%, 44%
HSV	35°, 99%, 86%
XYZ	36.9924, 30.4025, 3.9969
YIQ	140.3720, 94.6360, -19.0600

Conversions

Conversions Part 2

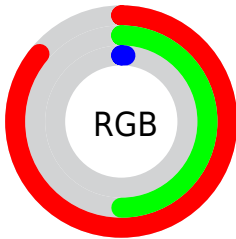
Format	Color
RYB	163, 219, 3
Decimal	14384899
CIELab	62.00, 28.85, 68.01
CIELCh	62, 73.880, 67.014
Yxy	30.4025, 0.5182, 0.4259
Android (android.graphics.Color)	4292574979 (0xFFDB7F03)
YUV	140.3720, -67.7244, 68.9568
Hunter-Lab	55.1385, 23.2631, 34.2991

Details

The CIELCh color **62, 73.880, 67.014** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **43, 74.439, 290.604**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 65.879, 74.341**, and **42, 59.410, 60.323** is the 20% darker color. If you saturate the color by 10%, you get **62, 74.357, 66.681**, and if you desaturate by 10%, it is **64, 69.749, 69.726**.

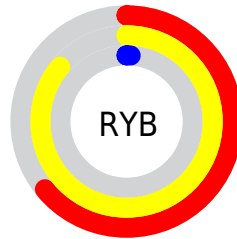
Distribution



Red (86%)

Green (50%)

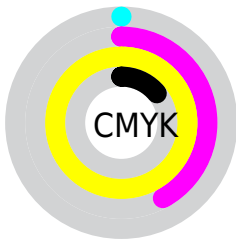
Blue (1%)



Red (64%)

Yellow (86%)

Blue (1%)

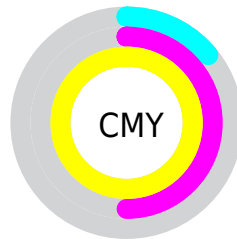


Cyan (0%)

Magenta (42%)

Yellow (99%)

Black (14%)



Cyan (14%)

Magenta (50%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 73.880, 67.014 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, 73.880, 67.014 by changing the saturation by 10% instead.

62, 73.880, 67.014

62, 73.880, 67.014

100, 73.880,
67.014

52, 73.880, 67.014

82, 73.880, 67.014

42, 73.880, 67.014

92, 73.880, 67.014

32, 73.880, 67.014

22, 73.880, 67.014

12, 73.880, 67.014

2, 73.880, 67.014

0, 73.880, 67.014

62, 73.880, 67.014

62, 73.880, 67.014

62, 74.357, 66.681

64, 69.749, 69.726

66, 63.443, 71.842

69, 55.704, 73.576

71, 47.334, 75.120

74, 38.813, 76.570

77, 30.386, 77.970

79, 22.171, 79.334

82, 14.211, 80.661

85, 6.516, 81.935

Harmonies

Complementary

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



62, 73.880, 67.014



43, 74.439, 290.604

Rectangle

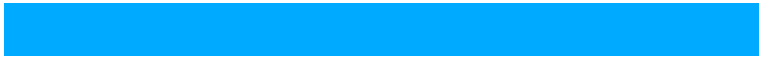
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62, 73.880, 67.014



62, 73.880, 117.014



62, 73.880, 247.014



62, 73.880, 297.014

Sweetspot

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



62, 73.878, 67.016



90, 26.198, 79.131



47, 75.199, 8.462



47, 18.003, 78.553



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 73.878, 67.016



71, 83.365, 66.354



84, 86.569, 106.977



45, 4.230, 81.851



49, 62.281, 67.292



12, 18.599, 68.503

Inverse Universe

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



43, 74.439, 290.604



50, 85.287, 291.449



28, 118.546, 306.371



44, 4.183, 264.402



34, 62.241, 290.393



6, 20.232, 280.133

Previews

White Background



This preview shows how the CIELCh color 62, 73.880, 67.014 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, 73.880, 67.014 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, 73.880, 67.014

Background



This preview shows how black text looks on a background with the CIELCh color 62, 73.880, 67.014.



This preview shows how white text looks on a background with the CIELCh color 62, 73.880, 67.014.

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



Trichromacy



Original Color
62, 73.739, 66.959

Protanomaly
62, 65.016, 83.572

Tritanomaly
61, 52.628, 47.018

Monochromacy



Original Color
62, 73.739, 66.959

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 29.840, 76.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 73.880, 67.014 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(219, 127, 3)` looks like.

```
.text, #text, p{  
    color:rgb(219, 127, 3)  
}
```

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(219, 127, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 127, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 73.880, 67.014 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(219, 127, 3) }
```

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

```
.border{ border-color:rgb(219, 127, 3) }
```

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

Here you see how a box with a 4 pixel rgb(219, 127, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 127, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 127, 3);  
box-shadow:4px 4px 4px 4px rgb(219, 127,  
3) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 73.880, 67.014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 127, 3) }
```

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

```
.background{ background-color: rgb(219,  
127, 3) }
```

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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