

Converting Colors

CIELCh(62, 82.153, 57.743)

Have a look what the booklet for
CIELCh(62, 82.153, 57.743) contains.

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Color

CIELCh(62, 82.023, 57.938)

Conversions

Conversions Part 1

Format	Color
Hex	EF7202
RGB	239, 114, 2
RGB Percent	94%, 45%, 1%
CMY	0.0626, 0.5528, 0.9919
CMYK	0.00, 0.52, 0.99, 0.06
HSL	28°, 98%, 47%
HSV	28°, 99%, 94%
XYZ	41.6403, 30.4025, 3.7326
YIQ	138.6070, 110.4520, -8.3320

Conversions

Conversions Part 2

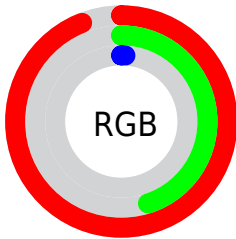
Format	Color
R _{YB}	239, 214, 2
Decimal	15692290
CIE Lab	62.00, 43.54, 69.51
CIE LCh	62, 82.023, 57.938
Yxy	30.4025, 0.5495, 0.4012
Android (android.graphics.Color)	4293882370 (0xFFEF7202)
YUV	138.6070, -67.3473, 88.0447
Hunter-Lab	55.1385, 38.3099, 34.5833

Details

The CIELCh color **62, 82.023, 57.938** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **53, 65.515, 281.667**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 65.944, 68.696**, and **42, 69.108, 50.448** is the 20% darker color. If you saturate the color by 10%, you get **62, 82.479, 57.719**, and if you desaturate by 10%, it is **65, 76.396, 60.587**.

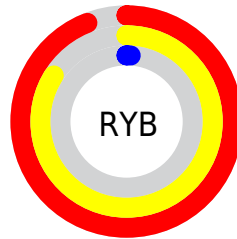
Distribution



Red (94%)

Green (45%)

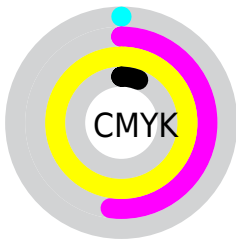
Blue (1%)



Red (94%)

Yellow (84%)

Blue (1%)

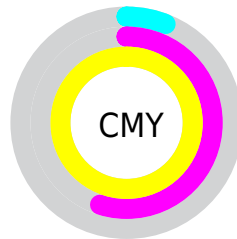


Cyan (0%)

Magenta (52%)

Yellow (99%)

Black (6%)



Cyan (6%)

Magenta (55%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 82.023, 57.938 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, 82.023, 57.938 by changing the saturation by 10% instead.

62, 82.023, 57.938

62, 82.023, 57.938

100, 82.023,
57.938

52, 82.023, 57.938

82, 82.023, 57.938

42, 82.023, 57.938

92, 82.023, 57.938

32, 82.023, 57.938

22, 82.023, 57.938

12, 82.023, 57.938

2, 82.023, 57.938

0, 82.023, 57.938

62, 82.023, 57.938

62, 82.023, 57.938

62, 82.479, 57.719

65, 76.396, 60.587

67, 68.516, 62.499

70, 59.373, 63.967

74, 49.869, 65.249

77, 40.481, 66.467

80, 31.425, 67.670

84, 22.785, 68.873

87, 14.575, 70.070

91, 6.780, 71.236

Harmonies

Complementary

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



62, 82.023, 57.938



53, 65.515, 281.667

Rectangle

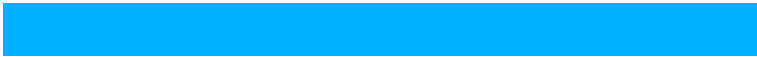
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62, 82.023, 57.938



62, 82.023, 107.938



62, 82.023, 237.938



62, 82.023, 287.938

Sweetspot

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



62, 82.020, 57.940



88, 24.786, 68.757



52, 81.047, 359.245



46, 17.101, 68.248



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, 82.020, 57.940



66, 86.693, 57.575



90, 89.862, 100.703



48, 4.230, 71.198



48, 67.399, 58.404



13, 23.444, 58.335

Inverse Universe

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



53, 65.515, 281.667



56, 69.632, 282.232



31, 125.713, 305.943



48, 4.119, 253.657



41, 53.358, 281.213



11, 20.372, 273.264

Previews

White Background



This preview shows how the CIELCh color 62, 82.023, 57.938 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, 82.023, 57.938 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, 82.023, 57.938

Background



This preview shows how black text looks on a background with the CIELCh color 62, 82.023, 57.938.



This preview shows how white text looks on a background with the CIELCh color 62, 82.023, 57.938.

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, 82.023, 57.938

Protanopia

62, 62.462, 95.544

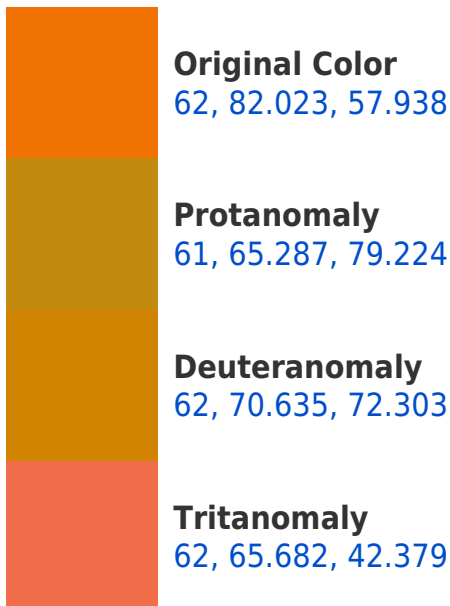
Deuteranopia

62, 67.241, 83.611

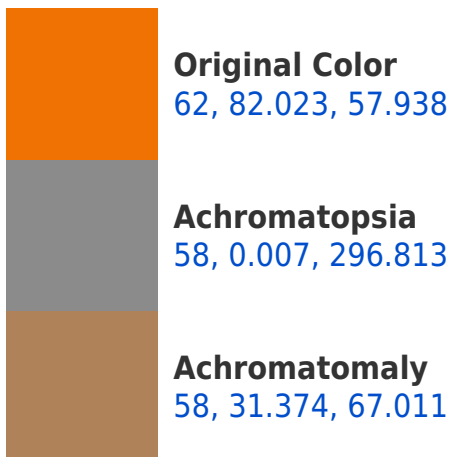


Tritanopia
62, 57.431, 22.994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 82.023, 57.938 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(239, 114, 2)` looks like.

```
.text, #text, p{  
    color:rgb(239, 114, 2)  
}
```

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(239, 114, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 114, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 82.023, 57.938 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(239, 114, 2) }
```

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

```
.border{ border-color:rgb(239, 114, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 114, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 114, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 114, 2);  
box-shadow:4px 4px 4px 4px rgb(239, 114,  
2) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 82.023, 57.938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 114, 2) }
```

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

```
.background{ background-color: rgb(239,  
114, 2) }
```

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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