

Converting Colors

CIELCh(62, 77.136, 56.061)

Have a look what the booklet for
CIELCh(62, 77.136, 56.061) contains.

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Color

CIELCh(62, 77.108, 56.126)

Conversions

Conversions Part 1

Format	Color
Hex	EE731C
RGB	238, 115, 28
RGB Percent	93%, 45%, 11%
CMY	0.0680, 0.5500, 0.8915
CMYK	0.00, 0.52, 0.88, 0.07
HSL	25°, 86%, 52%
HSV	25°, 88%, 93%
XYZ	41.4553, 30.4025, 4.7615
YIQ	141.8590, 101.2350, -0.9810

Conversions

Conversions Part 2

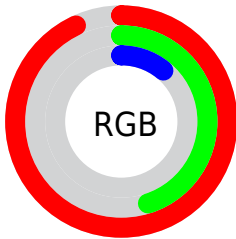
Format	Color
R _Y B	238, 177, 28
Decimal	15627036
CIE Lab	62.00, 42.98, 64.02
CIE LCh	62, 77.108, 56.126
Yxy	30.4025, 0.5411, 0.3968
Android (android.graphics.Color)	4293817116 (0xFFEE731C)
YUV	141.8590, -56.1325, 84.3157
Hunter-Lab	55.1385, 37.7110, 33.4769

Details

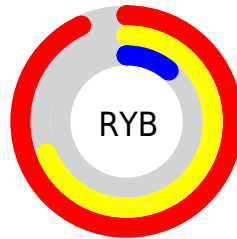
The CIELCh color **62, 77.108, 56.126** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **60, 52.474, 269.384**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 60.954, 66.729**, and **42, 68.890, 50.783** is the 20% darker color. If you saturate the color by 10%, you get **59, 83.627, 53.851**, and if you desaturate by 10%, it is **65, 68.398, 57.630**.

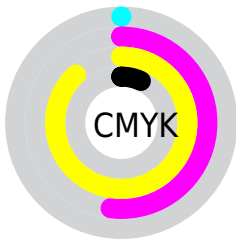
Distribution



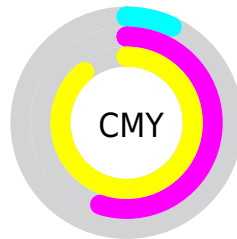
- Red (93%)
- Green (45%)
- Blue (11%)



- Red (93%)
- Yellow (69%)
- Blue (11%)



- Cyan (0%)
- Magenta (52%)
- Yellow (88%)
- Black (7%)



- Cyan (7%)
- Magenta (55%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 77.108, 56.126 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, 77.108, 56.126 by changing the saturation by 10% instead.

62, 77.108, 56.126

62, 77.108, 56.126

100, 77.108,
56.126

52, 77.108, 56.126

82, 77.108, 56.126

42, 77.108, 56.126

92, 77.108, 56.126

32, 77.108, 56.126

22, 77.108, 56.126

12, 77.108, 56.126

2, 77.108, 56.126

0, 77.108, 56.126

62, 77.108, 56.126

62, 77.108, 56.126

59, 83.627, 53.851

65, 68.398, 57.630

59, 84.619, 53.487

68, 58.698, 58.733

72, 48.866, 59.702

75, 39.318, 60.655

79, 30.228, 61.632

83, 21.651, 62.640

87, 13.584, 63.669

91, 5.996, 64.682

95, 1.155, 246.254

Harmonies

Complementary

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



62, 77.108, 56.126



60, 52.474, 269.384

Rectangle

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



62, 77.108, 56.126



62, 77.108, 106.126



62, 77.108, 236.126



62, 77.108, 286.126

Sweetspot

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



62, 77.106, 56.129



89, 21.741, 62.768



53, 81.720, 350.068



46, 14.809, 62.418



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, 77.106, 56.129



63, 89.357, 53.336



86, 83.095, 96.794



48, 4.120, 64.572



46, 69.376, 54.139



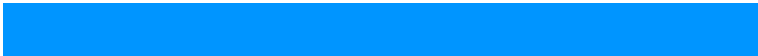
12, 23.698, 52.458

Inverse Universe

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



60, 52.474, 269.384



61, 61.715, 275.381



35, 111.499, 303.150



48, 3.977, 246.823



44, 47.401, 274.290



12, 18.460, 265.943

Previews

White Background



This preview shows how the CIELCh color 62, 77.108, 56.126 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, 77.108, 56.126 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, 77.108, 56.126

Background



This preview shows how black text looks on a background with the CIELCh color 62, 77.108, 56.126.



This preview shows how white text looks on a background with the CIELCh color 62, 77.108, 56.126.

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, 77.108, 56.126

Protanopia

62, 58.191, 95.479

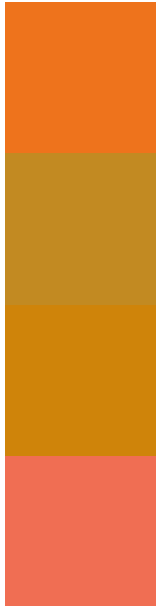
Deuteranopia

62, 67.130, 83.129



Tritanopia
62, 56.554, 22.781

Trichromacy



Original Color
62, 77.108, 56.126

Protanomaly
61, 60.529, 77.942

Deuteranomaly
61, 69.079, 72.184

Tritanomaly
62, 62.067, 39.026

Monochromacy



Original Color
62, 77.108, 56.126

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 27.353, 61.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 77.108, 56.126 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(238, 115, 28)` looks like.

```
.text, #text, p{  
    color:rgb(238, 115, 28)  
}
```

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(238, 115, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 115, 28) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 77.108, 56.126 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(238, 115, 28) }
```

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

```
.border{ border-color:rgb(238, 115, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 115, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 115, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 115, 28);  
box-shadow:4px 4px 4px 4px rgb(238, 115,  
28) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 77.108, 56.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 115, 28) }
```

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

```
.background{ background-color: rgb(238,  
115, 28) }
```

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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