

Converting Colors

CIELCh(59, 66.013, 46.265)

Have a look what the booklet for
CIELCh(59, 66.013, 46.265) contains.

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Color

CIELCh(59, 66.006, 46.581)

Conversions

Conversions Part 1

Format	Color
Hex	E5693B
RGB	229, 105, 59
RGB Percent	90%, 41%, 23%
CMY	0.1025, 0.5887, 0.7691
CMYK	0.00, 0.54, 0.74, 0.10
HSL	16°, 76%, 56%
HSV	16°, 74%, 90%
XYZ	38.0933, 27.0277, 7.3319
YIQ	136.8320, 88.6700, 11.9820

Conversions

Conversions Part 2

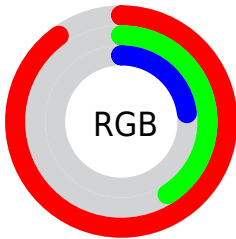
Format	Color
R _Y B	229, 122, 59
Decimal	15034683
CIE Lab	59.00, 45.37, 47.94
CIE LCh	59, 66.006, 46.581
Yxy	27.0277, 0.5258, 0.3730
Android (android.graphics.Color)	4293224763 (0xFFE5693B)
YUV	136.8320, -38.3712, 80.8313
Hunter-Lab	51.9882, 39.8129, 28.0301

Details

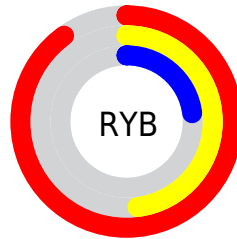
The CIELCh color **59, 66.006, 46.581** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **70, 37.715, 240.130**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 51.273, 52.845**, and **39, 66.124, 46.424** is the 20% darker color. If you saturate the color by 10%, you get **56, 76.274, 46.682**, and if you desaturate by 10%, it is **63, 55.421, 46.376**.

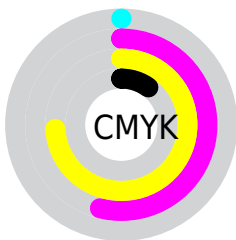
Distribution



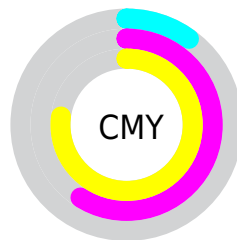
- Red (90%)
- Green (41%)
- Blue (23%)



- Red (90%)
- Yellow (48%)
- Blue (23%)



- Cyan (0%)
- Magenta (54%)
- Yellow (74%)
- Black (10%)



- Cyan (10%)
- Magenta (59%)
- Yellow (77%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 66.006, 46.581 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 59, 66.006, 46.581 by changing the saturation by 10% instead.

 59, 66.006, 46.581

 59, 66.006, 46.581

 100, 66.006,
46.581

 49, 66.006, 46.581

 79, 66.006, 46.581

 39, 66.006, 46.581

 89, 66.006, 46.581

 29, 66.006, 46.581

 99, 66.006, 46.581

 19, 66.006, 46.581

 9, 66.006, 46.581

 0, 66.006, 46.581

 59, 66.006, 46.581

 59, 66.006, 46.581

 56, 76.274, 46.682

 63, 55.421, 46.376

 53, 84.942, 46.190

 66, 45.136, 46.256

52, 88.921, 45.673

71, 35.406, 46.285

75, 26.325, 46.461

79, 17.904, 46.763

84, 10.115, 47.154

89, 2.908, 47.508

94, 3.773, 228.409

98, 8.901, 198.917

Harmonies

Complementary

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



59, 66.006, 46.581



70, 37.715, 240.130

Rectangle

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



59, 66.006, 46.581



59, 66.006, 96.581



59, 66.006, 226.581



59, 66.006, 276.581

Sweetspot

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



59, 66.004, 46.584



89, 17.568, 46.841



55, 80.213, 339.092



46, 11.934, 46.742



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 66.004, 46.584



60, 88.068, 46.541



78, 67.132, 88.842



46, 3.960, 47.353



41, 73.397, 46.171



9, 22.658, 38.266

Inverse Universe

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



70, 37.715, 240.130



73, 44.937, 246.205



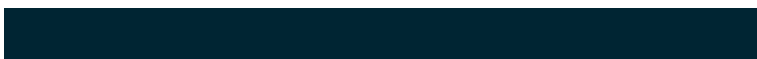
46, 76.658, 293.836



47, 3.752, 228.612



51, 35.866, 250.306



13, 14.381, 241.694

Previews

White Background



This preview shows how the CIELCh color 59, 66.006, 46.581 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 59, 66.006, 46.581 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 59, 66.006, 46.581

Background



This preview shows how black text looks on a background with the CIELCh color 59, 66.006, 46.581.



This preview shows how white text looks on a background with the CIELCh color 59, 66.006, 46.581.

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

59, 66.006, 46.581

Protanopia

59, 40.546, 95.803

Deuteranopia

59, 50.228, 80.957



Tritanopia
59, 56.282, 23.090

Trichromacy



Original Color
59, 66.006, 46.581

Protanomaly
58, 44.432, 70.582

Deuteranomaly
58, 53.084, 65.508

Tritanomaly
59, 58.542, 32.709

Monochromacy



Original Color
59, 66.006, 46.581

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 21.798, 45.574

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 66.006, 46.581 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(229, 105, 59)` looks like.

```
.text, #text, p{  
    color:rgb(229, 105, 59)  
}
```

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(229, 105, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 105, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 66.006, 46.581 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(229, 105, 59) }
```

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

```
.border{ border-color:rgb(229, 105, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 105, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 105, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 105, 59);  
box-shadow:4px 4px 4px 4px rgb(229, 105,  
59) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 66.006, 46.581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 105, 59) }
```

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

```
.background{ background-color: rgb(229,  
105, 59) }
```

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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