

Converting Colors

CIELCh(63, 65.035, 52.714)

Have a look what the booklet for
CIELCh(63, 65.035, 52.714) contains.

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Color

CIELCh(63, 65.035, 52.714)

Conversions

Conversions Part 1

Format	Color
Hex	EA793C
RGB	234, 121, 60
RGB Percent	92%, 47%, 24%
CMY	0.0814, 0.5247, 0.7639
CMYK	0.00, 0.48, 0.74, 0.08
HSL	21°, 81%, 58%
HSV	21°, 74%, 92%
XYZ	41.6954, 31.5869, 8.2012
YIQ	147.8330, 86.9290, 4.9850

Conversions

Conversions Part 2

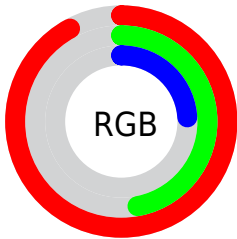
Format	Color
RYB	234, 154, 60
Decimal	15366460
CIELab	63.00, 39.40, 51.74
CIElCh	63, 65.035, 52.714
Yxy	31.5869, 0.5117, 0.3876
Android (android.graphics.Color)	4293556540 (0xFFEA793C)
YUV	147.8330, -43.3017, 75.5685
Hunter-Lab	56.2022, 34.0718, 30.6898

Details

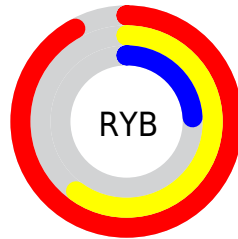
The CIELCh color **63, 65.035, 52.714** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **67, 41.290, 253.550**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 49.809, 62.794**, and **43, 64.934, 52.855** is the 20% darker color. If you saturate the color by 10%, you get **60, 74.839, 51.967**, and if you desaturate by 10%, it is **66, 54.812, 53.257**.

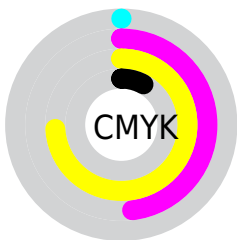
Distribution



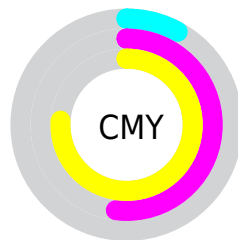
- Red (92%)
- Green (47%)
- Blue (24%)



- Red (92%)
- Yellow (60%)
- Blue (24%)



- Cyan (0%)
- Magenta (48%)
- Yellow (74%)
- Black (8%)



- Cyan (8%)
- Magenta (52%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 65.035, 52.714 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 63, 65.035, 52.714 by changing the saturation by 10% instead.

63, 65.035, 52.714

63, 65.035, 52.714

100, 65.035,
52.714

53, 65.035, 52.714

83, 65.035, 52.714

43, 65.035, 52.714

93, 65.035, 52.714

33, 65.035, 52.714

23, 65.035, 52.714

13, 65.035, 52.714

3, 65.035, 52.714

0, 65.035, 52.714

63, 65.035, 52.714

63, 65.035, 52.714

60, 74.839, 51.967

66, 54.812, 53.257

57, 82.997, 50.577

70, 44.805, 53.786

56, 86.719, 49.534

74, 35.282, 54.378

78, 26.341, 55.047

82, 17.996, 55.786

87, 10.220, 56.568

91, 2.967, 57.285

95, 3.816, 238.477

99, 7.104, 199.049

Harmonies

Complementary

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



63, 65.035, 52.714



67, 41.290, 253.550

Rectangle

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



63, 65.035, 52.714



63, 65.035, 102.714



63, 65.035, 232.714



63, 65.035, 282.714

Sweetspot

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



63, 65.033, 52.717



90, 17.315, 55.955



56, 77.620, 343.810



47, 11.749, 55.745



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 65.033, 52.717



63, 84.578, 51.374



83, 72.152, 94.801



47, 3.996, 56.945



43, 71.080, 50.141



11, 22.984, 45.832

Inverse Universe

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



67, 41.290, 253.550



68, 50.005, 260.380



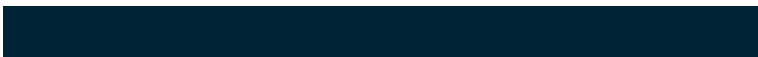
44, 87.303, 297.765



47, 3.821, 238.827



47, 41.317, 264.854



12, 16.186, 255.910

Previews

White Background



This preview shows how the CIELCh color 63, 65.035, 52.714 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 63, 65.035, 52.714 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 63, 65.035, 52.714

Background



This preview shows how black text looks on a background with the CIELCh color 63, 65.035, 52.714.



This preview shows how white text looks on a background with the CIELCh color 63, 65.035, 52.714.

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

63, 65.035, 52.714

Protanopia

63, 45.267, 95.428

Deuteranopia

63, 53.493, 81.078



Tritanopia
63, 51.512, 20.924

Trichromacy



Original Color
63, 65.035, 52.714

Protanomaly
62, 48.228, 75.537

Deuteranomaly
63, 55.976, 68.780

Tritanomaly
63, 54.116, 34.733

Monochromacy



Original Color
63, 65.035, 52.714

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 21.746, 54.878

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 65.035, 52.714 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(234, 121, 60)` looks like.

```
.text, #text, p{  
    color:rgb(234, 121, 60)  
}
```

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(234, 121, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 121, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 65.035, 52.714 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(234, 121, 60) }
```

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

```
.border{ border-color:rgb(234, 121, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 121, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 121, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 121, 60);  
box-shadow:4px 4px 4px 4px rgb(234, 121,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 65.035, 52.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 121, 60) }
```

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

```
.background{ background-color: rgb(234,  
121, 60) }
```

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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