

Converting Colors

CIELCh(65, 79.246, 53.502)

Have a look what the booklet for
CIELCh(65, 79.246, 53.502) contains.

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Color

CIELCh(65, 79.294, 53.248)

Conversions

Conversions Part 1

Format	Color
Hex	FD7627
RGB	253, 118, 39
RGB Percent	99%, 46%, 15%
CMY	0.0072, 0.5367, 0.8465
CMYK	0.00, 0.53, 0.85, 0.01
HSL	22°, 98%, 57%
HSV	22°, 85%, 99%
XYZ	47.4278, 34.0472, 6.0035
YIQ	149.3590, 105.8190, 4.0510

Conversions

Conversions Part 2

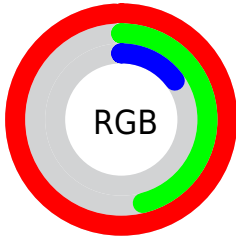
Format	Color
R _Y B	253, 164, 39
Decimal	16610855
CIE Lab	65.00, 47.45, 63.53
CIE LCh	65, 79.294, 53.248
Yxy	34.0472, 0.5422, 0.3892
Android (android.graphics.Color)	4294800935 (0xFFFD7627)
YUV	149.3590, -54.4070, 90.8932
Hunter-Lab	58.3500, 42.9753, 34.7448

Details

The CIELCh color **65, 79.294, 53.248** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **68, 49.384, 261.110**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 57.469, 66.937**, and **45, 73.740, 49.652** is the 20% darker color. If you saturate the color by 10%, you get **62, 87.606, 51.620**, and if you desaturate by 10%, it is **68, 69.102, 54.199**.

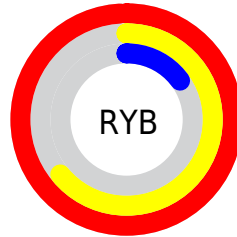
Distribution



Red (99%)

Green (46%)

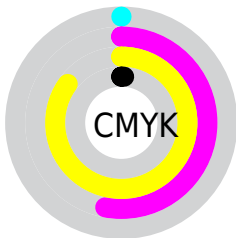
Blue (15%)



Red (99%)

Yellow (64%)

Blue (15%)

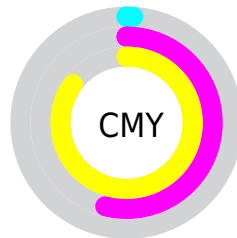


Cyan (0%)

Magenta (53%)

Yellow (85%)

Black (1%)



Cyan (1%)

Magenta (54%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 79.294, 53.248 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 65, 79.294, 53.248 by changing the saturation by 10% instead.

 65, 79.294, 53.248

 65, 79.294, 53.248

 100, 79.294,
53.248

 55, 79.294, 53.248

 85, 79.294, 53.248

 45, 79.294, 53.248

 95, 79.294, 53.248

 35, 79.294, 53.248

 25, 79.294, 53.248

 15, 79.294, 53.248

 5, 79.294, 53.248

 0, 79.294, 53.248

 65, 79.294, 53.248

 65, 79.294, 53.248

 62, 87.606, 51.620

 68, 69.102, 54.199

61, 91.148, 50.451

72, 58.375, 54.901

76, 47.817, 55.565

80, 37.737, 56.272

84, 28.251, 57.044

88, 19.377, 57.872

93, 11.090, 58.737

97, 3.345, 59.539

100, 0.640,
200.399

Harmonies

Complementary

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



65, 79.294, 53.248



68, 49.384, 261.110

Rectangle

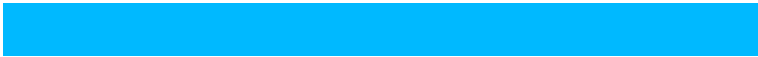
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 79.294, 53.248



65, 79.294, 103.248



65, 79.294, 233.248



65, 79.294, 283.248

Sweetspot

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



65, 79.292, 53.251



89, 19.890, 57.832



58, 86.315, 346.827



46, 13.738, 57.536



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



65, 79.292, 53.251



61, 91.663, 50.437



89, 83.845, 94.808



51, 4.288, 59.168



46, 73.381, 51.088



14, 27.745, 49.450

Inverse Universe

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



68, 49.384, 261.110



64, 56.214, 268.961



41, 108.774, 301.286



51, 4.109, 241.185



49, 44.711, 267.991



15, 18.935, 260.725

Previews

White Background



This preview shows how the CIELCh color 65, 79.294, 53.248 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 65, 79.294, 53.248 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 65, 79.294, 53.248

Background



This preview shows how black text looks on a background with the CIELCh color 65, 79.294, 53.248.



This preview shows how white text looks on a background with the CIELCh color 65, 79.294, 53.248.

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

65, 79.294, 53.248

Protanopia

65, 56.644, 95.271

Deuteranopia

65, 66.126, 82.640



Tritanopia
65, 60.174, 22.810

Trichromacy



Original Color
65, 79.294, 53.248

Protanomaly
64, 60.056, 75.953

Deuteranomaly
64, 68.550, 70.065

Tritanomaly
65, 64.993, 37.219

Monochromacy



Original Color
65, 79.294, 53.248

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 27.268, 55.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 79.294, 53.248 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(253, 118, 39)` looks like.

```
.text, #text, p{  
    color:rgb(253, 118, 39)  
}
```

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(253, 118, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 118, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 79.294, 53.248 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(253, 118, 39) }
```

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

```
.border{ border-color:rgb(253, 118, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 118, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 118, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 118, 39);  
box-shadow:4px 4px 4px 4px rgb(253, 118,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 79.294, 53.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 118, 39) }
```

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

```
.background{ background-color: rgb(253,  
118, 39) }
```

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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