

Converting Colors

CIELCh(64, 65.879, 32.545)

Have a look what the booklet for
CIELCh(64, 65.879, 32.545) contains.

CIELCh(64, 65.636, 32.836)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(64, 65.636, 32.836)

Conversions

Conversions Part 1

Format	Color
Hex	FF6C5F
RGB	255, 108, 95
RGB Percent	100%, 42%, 37%
CMY	0.0001, 0.5765, 0.6275
CMYK	0.00, 0.58, 0.63, 0.00
HSL	5°, 100%, 69%
HSV	5°, 63%, 100%
XYZ	48.6555, 32.8017, 14.5887
YIQ	150.4710, 91.7850, 27.1210

Conversions

Conversions Part 2

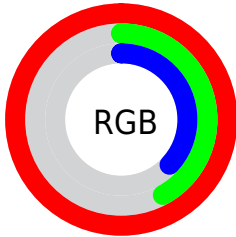
Format	Color
R _Y B	255, 109, 95
Decimal	16739423
CIE Lab	64.00, 55.15, 35.59
CIE LCh	64, 65.636, 32.836
Yxy	32.8017, 0.5066, 0.3415
Android (android.graphics.Color)	4294929503 (0xFFFF6C5F)
YUV	150.4710, -27.3472, 91.6719
Hunter-Lab	57.2727, 51.4158, 24.9884

Details

The CIELCh color **64, 65.636, 32.836** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **89, 39.391, 207.059**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 39.350, 36.426**, and **44, 65.580, 33.058** is the 20% darker color. If you saturate the color by 10%, you get **60, 77.825, 35.113**, and if you desaturate by 10%, it is **69, 53.521, 30.995**.

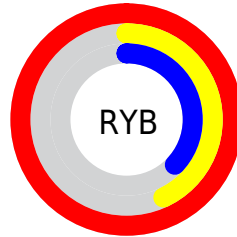
Distribution



Red (100%)

Green (42%)

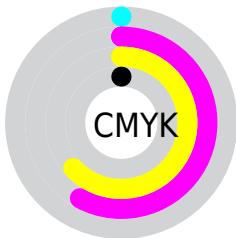
Blue (37%)



Red (100%)

Yellow (43%)

Blue (37%)

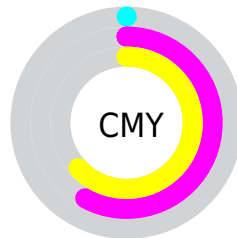


Cyan (0%)

Magenta (58%)

Yellow (63%)

Black (0%)



Cyan (0%)

Magenta (58%)

Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 65.636, 32.836 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 64, 65.636, 32.836 by changing the saturation by 10% instead.

 64, 65.636, 32.836

 64, 65.636, 32.836

 100, 65.636,
32.836

 54, 65.636, 32.836

 84, 65.636, 32.836

 44, 65.636, 32.836

 94, 65.636, 32.836

 34, 65.636, 32.836

 24, 65.636, 32.836

 14, 65.636, 32.836

 4, 65.636, 32.836

 0, 65.636, 32.836

 64, 65.636, 32.836

 64, 65.636, 32.836

 60, 77.825, 35.113

 69, 53.521, 30.995

■ 57, 89.414, 37.628

■ 74, 41.852, 29.576

■ 55, 98.912, 39.744

■ 80, 30.831, 28.516

■ 54, 103.446,
40.668

■ 86, 20.557, 27.737

■ 92, 11.051, 27.161

■ 98, 2.286, 26.546

100, 0.014,
255.808

Harmonies

Complementary

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



64, 65.636, 32.836



89, 39.391, 207.059

Rectangle

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



64, 65.636, 32.836



64, 65.636, 82.836



64, 65.636, 212.836



64, 65.636, 262.836

Sweetspot

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



64, 65.633, 32.839



88, 16.906, 27.502



67, 89.482, 329.727



45, 11.774, 27.679



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 65.633, 32.839



59, 80.529, 35.671



80, 57.151, 73.658



50, 4.863, 26.999



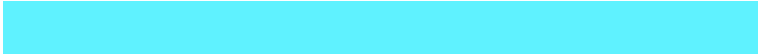
40, 83.064, 40.869



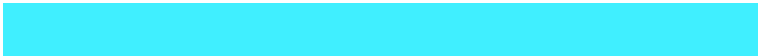
11, 31.806, 31.155

Inverse Universe

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



89, 39.391, 207.059



87, 42.877, 207.897



67, 51.798, 275.943



52, 4.570, 206.600



66, 36.519, 210.541



22, 16.963, 208.669

Previews

White Background



This preview shows how the CIELCh color 64, 65.636, 32.836 looks on a white background.

Color Contrast Check

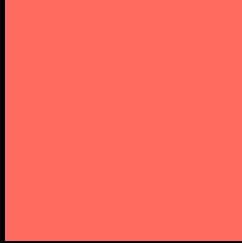
Large Text (above 18pt) WCAG AA × Fail

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 64, 65.636, 32.836 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 64, 65.636, 32.836

Background



This preview shows how black text looks on a background with the CIELCh color 64, 65.636, 32.836.



This preview shows how white text looks on a background with the CIELCh color 64, 65.636, 32.836.

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

64, 65.636, 32.836

Protanopia

64, 23.218, 95.032

Deuteranopia

64, 38.476, 77.147



Tritanopia
64, 62.653, 23.958

Trichromacy



Original Color
64, 65.636, 32.836

Protanomaly
63, 32.510, 52.893

Deuteranomaly
63, 44.607, 52.766

Tritanomaly
64, 63.550, 27.614

Monochromacy



Original Color
64, 65.636, 32.836

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 22.361, 28.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 65.636, 32.836 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(255, 108, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 108, 95)  
}
```

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(255, 108, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 108, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 65.636, 32.836 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(255, 108, 95) }
```

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

```
.border{ border-color:rgb(255, 108, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 108, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 108, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 108, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 108,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 65.636, 32.836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 108, 95) }
```

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

```
.background{ background-color: rgb(255,  
108, 95) }
```

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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