

Converting Colors

CIELCh(65, 86.171, 57.343)

Have a look what the booklet for
CIELCh(65, 86.171, 57.343) contains.

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Color

CIELCh(65, 86.134, 57.364)

Conversions

Conversions Part 1

Format	Color
Hex	FD7701
RGB	253, 119, 1
RGB Percent	99%, 47%, 0%
CMY	0.0082, 0.5336, 0.9966
CMYK	0.00, 0.53, 1.00, 0.01
HSL	28°, 99%, 50%
HSV	28°, 100%, 99%
XYZ	47.0722, 34.0472, 4.1156
YIQ	145.6140, 117.7420, -8.2900

Conversions

Conversions Part 2

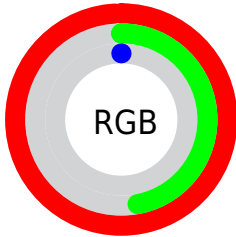
Format	Color
R _Y B	253, 223, 1
Decimal	16611073
CIE Lab	65.00, 46.45, 72.53
CIE LCh	65, 86.134, 57.364
Yxy	34.0472, 0.5523, 0.3995
Android (android.graphics.Color)	4294801153 (0xFFFD7701)
YUV	145.6140, -71.2947, 94.1775
Hunter-Lab	58.3500, 41.8874, 36.6630

Details

The CIELCh color **65, 86.134, 57.364** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **56, 68.356, 281.615**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 65.765, 71.017**, and **45, 73.149, 50.070** is the 20% darker color. If you saturate the color by 10%, you get **65, 86.319, 57.276**, and if you desaturate by 10%, it is **68, 80.397, 60.069**.

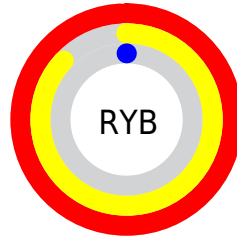
Distribution



Red (99%)

Green (47%)

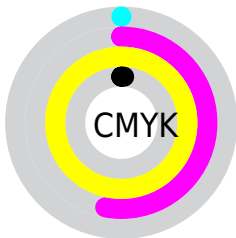
Blue (0%)



Red (99%)

Yellow (87%)

Blue (0%)

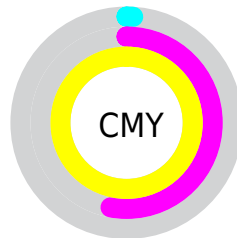


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (1%)



Cyan (1%)

Magenta (53%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 86.134, 57.364 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, 86.134, 57.364 by changing the saturation by 10% instead.

 65, 86.134, 57.364

 65, 86.134, 57.364

 100, 86.134,
57.364

 55, 86.134, 57.364

 85, 86.134, 57.364

 45, 86.134, 57.364

 95, 86.134, 57.364

 35, 86.134, 57.364

 25, 86.134, 57.364

 15, 86.134, 57.364

 5, 86.134, 57.364

 0, 86.134, 57.364

 65, 86.134, 57.364

 65, 86.134, 57.364

 65, 86.319, 57.276

 68, 80.397, 60.069

71, 72.249, 62.018

74, 62.695, 63.492

77, 52.724, 64.767

81, 42.862, 65.975

84, 33.350, 67.169

88, 24.278, 68.364

92, 15.665, 69.556

95, 7.494, 70.721

Harmonies

Complementary

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



65, 86.134, 57.364



56, 68.356, 281.615

Rectangle

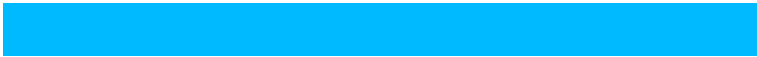
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65, 86.134, 57.364



65, 86.134, 107.364



65, 86.134, 237.364



65, 86.134, 287.364

Sweetspot

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



65, 86.131, 57.366



88, 24.748, 68.321



55, 84.602, 359.576



45, 17.078, 67.817



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, 86.131, 57.366



65, 86.867, 57.258



94, 93.873, 100.679



51, 4.441, 70.737



50, 69.658, 57.969



16, 27.069, 58.701

Inverse Universe

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



56, 68.356, 281.615



57, 69.047, 281.793



32, 131.537, 305.997



51, 4.321, 253.200



43, 54.698, 280.915



13, 22.421, 274.120

Previews

White Background



This preview shows how the CIELCh color 65, 86.134, 57.364 looks on a white background.

Color Contrast Check

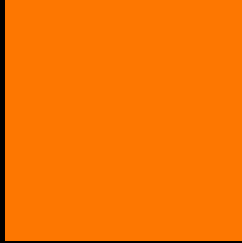
Large Text (above 18pt) WCAG AA × Fail

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, 86.134, 57.364 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, 86.134, 57.364

Background



This preview shows how black text looks on a background with the CIELCh color 65, 86.134, 57.364.



This preview shows how white text looks on a background with the CIELCh color 65, 86.134, 57.364.

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, 86.134, 57.364

Protanopia

65, 65.051, 95.494

Deuteranopia

65, 69.788, 83.291



Tritanopia
65, 59.846, 23.186

Trichromacy



Original Color
65, 86.134, 57.364

Protanomaly
64, 68.153, 78.313

Deuteranomaly
65, 73.577, 72.248

Tritanomaly
65, 68.842, 42.758

Monochromacy



Original Color
65, 86.134, 57.364

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 33.219, 65.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 86.134, 57.364 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, 119, 1)` looks like.

```
.text, #text, p{  
    color:rgb(253, 119, 1)  
}
```

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, 119, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 119, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 86.134, 57.364 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, 119, 1) }
```

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

```
.border{ border-color:rgb(253, 119, 1) }
```

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

Here you see how a box with a 4 pixel rgb(253, 119, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 119, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 119, 1);  
box-shadow:4px 4px 4px 4px rgb(253, 119,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 86.134, 57.364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 119, 1) }
```

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

```
.background{ background-color: rgb(253,  
119, 1) }
```

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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