

Converting Colors

CIELCh(65, 76.701, 39.874)

Have a look what the booklet for
CIELCh(65, 76.701, 39.874) contains.

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Color

CIELCh(63, 72.275, 40.045)

Conversions

Conversions Part 1

Format	Color
Hex	FE6848
RGB	254, 104, 72
RGB Percent	100%, 41%, 28%
CMY	0.0027, 0.5905, 0.7157
CMYK	0.00, 0.59, 0.71, 0.00
HSL	11°, 99%, 64%
HSV	11°, 71%, 100%
XYZ	47.1638, 31.5869, 9.8250
YIQ	145.2020, 99.6720, 21.8480

Conversions

Conversions Part 2

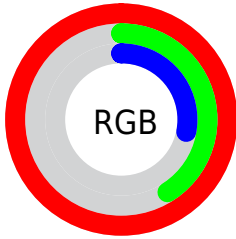
Format	Color
RYB	254, 111, 72
Decimal	16672840
CIELab	63.00, 55.33, 46.50
CIElCh	63, 72.275, 40.045
Yxy	31.5869, 0.5325, 0.3566
Android (android.graphics.Color)	4294862920 (0xFFFE6848)
YUV	145.2020, -36.0886, 95.4158
Hunter-Lab	56.2022, 51.4398, 28.9768

Details

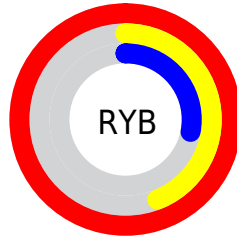
The CIELCh color **63, 72.275, 40.045** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **82, 39.606, 222.801**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 46.737, 47.653**, and **43, 72.299, 40.038** is the 20% darker color. If you saturate the color by 10%, you get **60, 84.063, 41.338**, and if you desaturate by 10%, it is **67, 60.275, 38.863**.

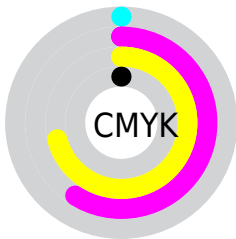
Distribution



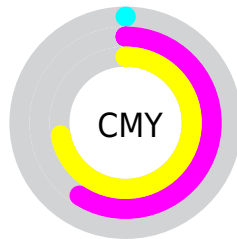
- Red (100%)
- Green (41%)
- Blue (28%)



- Red (100%)
- Yellow (44%)
- Blue (28%)



- Cyan (0%)
- Magenta (59%)
- Yellow (71%)
- Black (0%)



- Cyan (0%)
- Magenta (59%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 72.275, 40.045 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, 72.275, 40.045 by changing the saturation by 10% instead.

 63, 72.275, 40.045

 63, 72.275, 40.045

 100, 72.275,
40.045

 53, 72.275, 40.045

 83, 72.275, 40.045

 43, 72.275, 40.045

 93, 72.275, 40.045

 33, 72.275, 40.045

 23, 72.275, 40.045

 13, 72.275, 40.045

 3, 72.275, 40.045

 0, 72.275, 40.045

 63, 72.275, 40.045

 63, 72.275, 40.045

 60, 84.063, 41.338

 67, 60.275, 38.863

57, 94.346, 42.264

72, 48.651, 37.936

55, 100.601,
42.381

77, 37.660, 37.281

82, 27.413, 36.865

87, 17.933, 36.640

93, 9.195, 36.546

99, 1.148, 36.104

100, 0.240,
202.157

Harmonies

Complementary

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



63, 72.275, 40.045



82, 39.606, 222.801

Rectangle

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



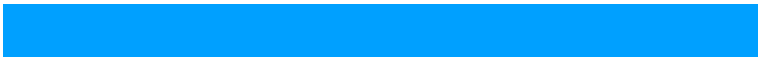
63, 72.275, 40.045



63, 72.275, 90.045



63, 72.275, 220.045



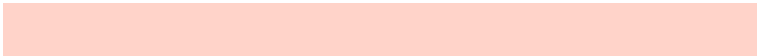
63, 72.275, 270.045

Sweetspot

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



63, 72.272, 40.048



88, 17.520, 36.633



63, 91.138, 334.088



45, 11.998, 36.677



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, 72.272, 40.048



58, 89.195, 41.848



82, 67.246, 81.121



50, 4.519, 36.534



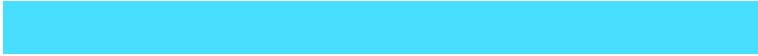
42, 80.774, 42.745



11, 30.338, 35.832

Inverse Universe

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



82, 39.606, 222.801



80, 42.462, 226.400



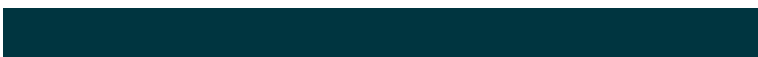
57, 69.121, 287.040



52, 4.253, 216.944



60, 35.107, 230.330



20, 16.140, 225.718

Previews

White Background



This preview shows how the CIELCh color 63, 72.275, 40.045 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, 72.275, 40.045 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, 72.275, 40.045

Background



This preview shows how black text looks on a background with the CIELCh color 63, 72.275, 40.045.

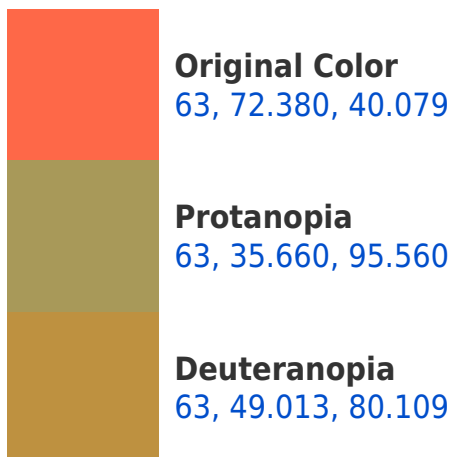


This preview shows how white text looks on a background with the CIELCh color 63, 72.275, 40.045.

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





Tritanopia
63, 65.155, 25.080

Trichromacy



Original Color
63, 72.380, 40.079

Protanomaly
62, 42.150, 63.061

Deuteranomaly
62, 53.684, 60.307

Tritanomaly
63, 67.458, 31.128

Monochromacy



Original Color
63, 72.380, 40.079

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 24.237, 37.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 72.275, 40.045 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(254, 104, 72)` looks like.

```
.text, #text, p{  
    color:rgb(254, 104, 72)  
}
```

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(254, 104, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 104, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 72.275, 40.045 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(254, 104, 72) }
```

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

```
.border{ border-color:rgb(254, 104, 72) }
```

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

Here you see how a box with a 4 pixel rgb(254, 104, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 104, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 104, 72);  
box-shadow:4px 4px 4px 4px rgb(254, 104,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 72.275, 40.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 104, 72) }
```

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

```
.background{ background-color: rgb(254,  
104, 72) }
```

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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