

Converting Colors

CIELCh(70, 74.422, 39.556)

Have a look what the booklet for
CIELCh(70, 74.422, 39.556) contains.

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Color

CIELCh(66, 64.376, 40.850)

Conversions

Conversions Part 1

Format	Color
Hex	FE7857
RGB	254, 120, 87
RGB Percent	100%, 47%, 34%
CMY	0.0030, 0.5280, 0.6572
CMYK	0.00, 0.53, 0.66, 0.00
HSL	12°, 99%, 67%
HSV	12°, 66%, 100%
XYZ	49.4507, 35.3238, 13.3154
YIQ	156.3040, 90.4570, 18.1450

Conversions

Conversions Part 2

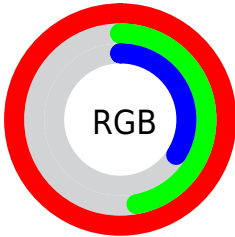
Format	Color
R_{YB}	254, 128, 87
Decimal	16676951
CIE _{Lab}	66.00, 48.70, 42.11
CIE _{LCh}	66, 64.376, 40.850
Yxy	35.3238, 0.5041, 0.3601
Android (android.graphics.Color)	4294867031 (0xFFFE7857)
YUV	156.3040, -34.1669, 85.6794
Hunter-Lab	59.4338, 44.5081, 28.3206

Details

The CIELCh color **66, 64.376, 40.850** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **82, 37.705, 225.263**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 39.715, 50.779**, and **46, 64.364, 40.671** is the 20% darker color. If you saturate the color by 10%, you get **62, 76.303, 41.862**, and if you desaturate by 10%, it is **70, 52.664, 40.026**.

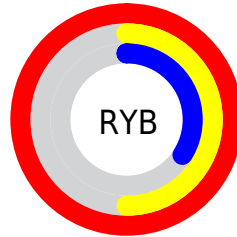
Distribution



Red (100%)

Green (47%)

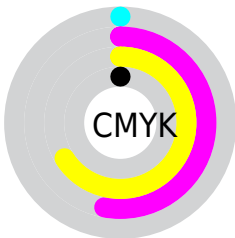
Blue (34%)



Red (100%)

Yellow (50%)

Blue (34%)

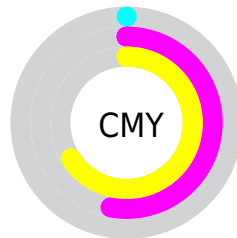


Cyan (0%)

Magenta (53%)

Yellow (66%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 64.376, 40.850 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 66, 64.376, 40.850 by changing the saturation by 10% instead.

 66, 64.376, 40.850

 66, 64.376, 40.850

 100, 64.376,
40.850

 56, 64.376, 40.850

 86, 64.376, 40.850

 46, 64.376, 40.850

 96, 64.376, 40.850

 36, 64.376, 40.850

 26, 64.376, 40.850

 16, 64.376, 40.850

 6, 64.376, 40.850

 0, 64.376, 40.850

 66, 64.376, 40.850

 66, 64.376, 40.850

 62, 76.303, 41.862

 70, 52.664, 40.026

■ 59, 87.649, 42.802

■ 75, 41.525, 39.441

■ 56, 96.704, 43.040

■ 80, 31.105, 39.086

■ 55, 99.744, 42.965

■ 86, 21.447, 38.923

■ 91, 12.536, 38.904

■ 97, 4.326, 38.929

100, 0.268,
201.858

Harmonies

Complementary

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



66, 64.376, 40.850



82, 37.705, 225.263

Rectangle

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



66, 64.376, 40.850



66, 64.376, 90.850



66, 64.376, 220.850



66, 64.376, 270.850

Sweetspot

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



66, 64.374, 40.853



89, 16.391, 38.898



64, 85.235, 334.374



46, 11.316, 38.905



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 64.374, 40.853



61, 80.465, 42.211



84, 62.673, 83.467



50, 4.459, 38.932



42, 80.077, 43.367



12, 30.017, 37.028

Inverse Universe

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



82, 37.705, 225.263



80, 41.293, 228.538



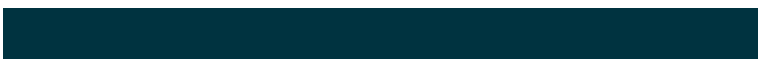
60, 64.582, 286.221



52, 4.200, 219.542



59, 35.354, 235.122



19, 16.146, 229.917

Previews

White Background



This preview shows how the CIELCh color 66, 64.376, 40.850 looks on a white background.

Color Contrast Check

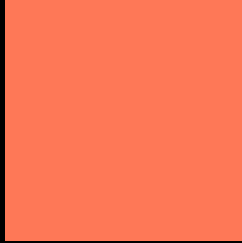
Large Text (above 18pt) WCAG AA × Fail

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 66, 64.376, 40.850 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 66, 64.376, 40.850

Background



This preview shows how black text looks on a background with the CIELCh color 66, 64.376, 40.850.

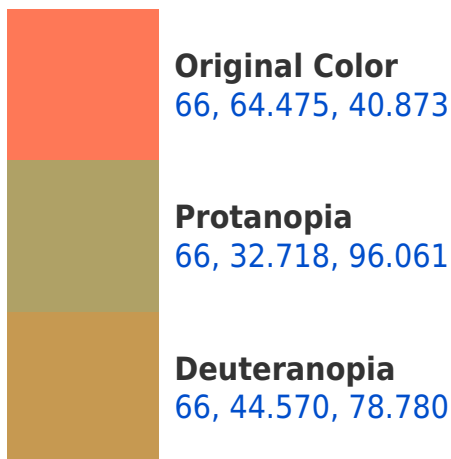


This preview shows how white text looks on a background with the CIELCh color 66, 64.376, 40.850.

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](#).

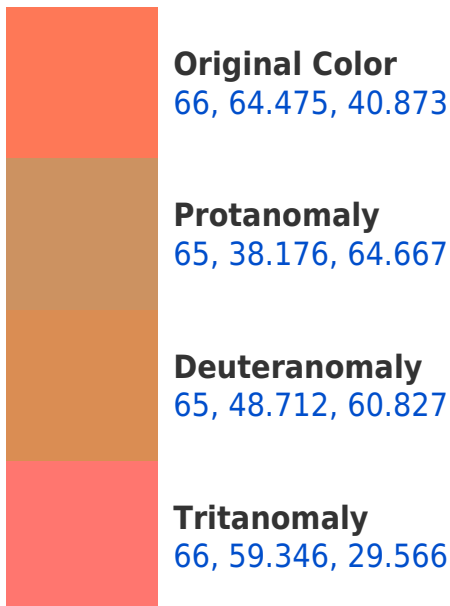
Dichromacy





Tritanopia
66, 57.846, 22.159

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 64.376, 40.850 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, 120, 87)` looks like.

```
.text, #text, p{  
    color:rgb(254, 120, 87)  
}
```

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, 120, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 120, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 64.376, 40.850 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, 120, 87) }
```

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

```
.border{ border-color:rgb(254, 120, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 120, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 120, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 120, 87);  
box-shadow:4px 4px 4px 4px rgb(254, 120,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 64.376, 40.850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 120, 87) }
```

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

```
.background{ background-color: rgb(254,  
120, 87) }
```

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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