

Converting Colors

CIELCh(67, 69.598, 36.196)

Have a look what the booklet for
CIELCh(67, 69.598, 36.196) contains.

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Color

CIELCh(65, 64.627, 36.782)

Conversions

Conversions Part 1

Format	Color
Hex	FE725C
RGB	254, 114, 92
RGB Percent	100%, 45%, 36%
CMY	0.0024, 0.5511, 0.6411
CMYK	0.00, 0.55, 0.64, 0.00
HSL	8°, 99%, 68%
HSV	8°, 64%, 100%
XYZ	48.9929, 34.0472, 14.0054
YIQ	153.3520, 90.5020, 22.8380

Conversions

Conversions Part 2

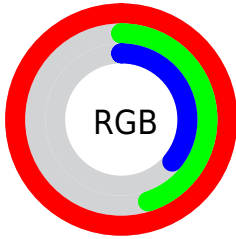
Format	Color
RYB	254, 117, 92
Decimal	16675420
CIELab	65.00, 51.76, 38.70
CIElCh	65, 64.627, 36.782
Yxy	34.0472, 0.5048, 0.3508
Android (android.graphics.Color)	4294865500 (0xFFFE725C)
YUV	153.3520, -30.2465, 88.2683
Hunter-Lab	58.3500, 47.7631, 26.6139

Details

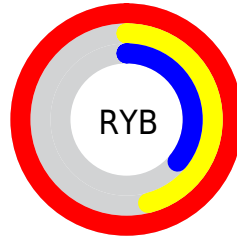
The CIELCh color **65, 64.627, 36.782** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **85, 38.022, 215.907**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 39.036, 42.573**, and **45, 64.440, 36.369** is the 20% darker color. If you saturate the color by 10%, you get **61, 76.738, 38.414**, and if you desaturate by 10%, it is **70, 52.709, 35.457**.

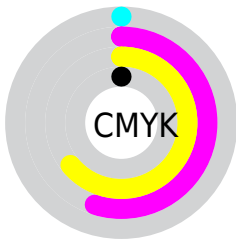
Distribution



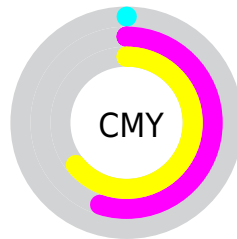
- Red (100%)
- Green (45%)
- Blue (36%)



- Red (100%)
- Yellow (46%)
- Blue (36%)



- Cyan (0%)
- Magenta (55%)
- Yellow (64%)
- Black (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 64.627, 36.782 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, 64.627, 36.782 by changing the saturation by 10% instead.

 65, 64.627, 36.782

 65, 64.627, 36.782

 100, 64.627,
36.782

 55, 64.627, 36.782

 85, 64.627, 36.782

 45, 64.627, 36.782

 95, 64.627, 36.782

 35, 64.627, 36.782

 25, 64.627, 36.782

 15, 64.627, 36.782

 5, 64.627, 36.782

 0, 64.627, 36.782

 65, 64.627, 36.782

 65, 64.627, 36.782

 61, 76.738, 38.414

 70, 52.709, 35.457

■ 58, 88.324, 40.128

■ 75, 41.334, 34.457

■ 55, 97.778, 41.301

■ 80, 30.663, 33.748

■ 54, 101.779,
41.606

■ 86, 20.757, 33.274

■ 91, 11.614, 32.972

■ 97, 3.194, 32.687

100, 0.216,
202.466

Harmonies

Complementary

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



65, 64.627, 36.782



85, 38.022, 215.907

Rectangle

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



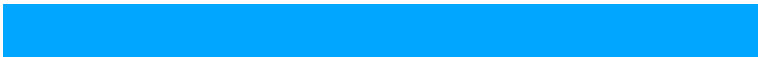
65, 64.627, 36.782



65, 64.627, 86.782



65, 64.627, 216.782



65, 64.627, 266.782

Sweetspot

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



65, 64.624, 36.785



89, 16.105, 33.105



65, 86.660, 332.229



46, 11.219, 33.197



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, 64.624, 36.785



60, 80.455, 38.935



82, 59.730, 79.462



50, 4.630, 32.867



41, 81.758, 41.909



11, 30.842, 34.093

Inverse Universe

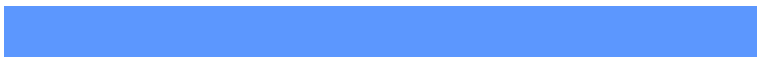
The Inverse Universe completely reimagines the original color for something new.



85, 38.022, 215.907



84, 41.478, 217.905



63, 58.388, 282.061



52, 4.353, 212.968



62, 35.176, 222.787



20, 16.289, 219.187

Previews

White Background



This preview shows how the CIELCh color 65, 64.627, 36.782 looks on a white background.

Color Contrast Check

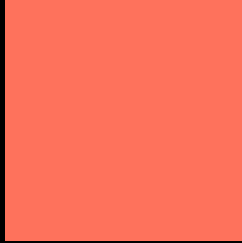
Large Text (above 18pt) WCAG AA × Fail

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, 64.627, 36.782 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, 64.627, 36.782

Background



This preview shows how black text looks on a background with the CIELCh color 65, 64.627, 36.782.



This preview shows how white text looks on a background with the CIELCh color 65, 64.627, 36.782.

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, 64.457, 36.411

Protanopia

65, 28.008, 95.722

Deuteranopia

65, 41.404, 78.339



Tritanopia
65, 60.174, 22.810

Trichromacy



Original Color
65, 64.457, 36.411

Protanomaly
64, 34.998, 59.537

Deuteranomaly
65, 46.511, 57.752

Tritanomaly
65, 61.504, 28.089

Monochromacy



Original Color
65, 64.457, 36.411

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 21.997, 34.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 64.627, 36.782 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, 114, 92)` looks like.

```
.text, #text, p{  
    color:rgb(254, 114, 92)  
}
```

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, 114, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 114, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 64.627, 36.782 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, 114, 92) }
```

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

```
.border{ border-color:rgb(254, 114, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 114, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 114, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 114, 92);  
box-shadow:4px 4px 4px 4px rgb(254, 114,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 64.627, 36.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 114, 92) }
```

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

```
.background{ background-color: rgb(254,  
114, 92) }
```

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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