

Converting Colors

CIELCh(64, 55.347, 22.303)

Have a look what the booklet for
CIELCh(64, 55.347, 22.303) contains.

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Color

CIELCh(64, 55.411, 22.803)

Conversions

Conversions Part 1

Format	Color
Hex	F67278
RGB	246, 114, 120
RGB Percent	96%, 45%, 47%
CMY	0.0371, 0.5545, 0.5309
CMYK	0.00, 0.54, 0.51, 0.04
HSL	357°, 87%, 70%
HSV	357°, 54%, 96%
XYZ	47.1857, 32.8017, 21.4958
YIQ	154.1520, 76.7460, 29.8500

Conversions

Conversions Part 2

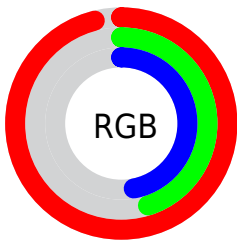
Format	Color
R _Y B	246, 114, 120
Decimal	16151160
CIE Lab	64.00, 51.08, 21.48
CIE LCh	64, 55.411, 22.803
Yxy	32.8017, 0.4650, 0.3232
Android (android.graphics.Color)	4294341240 (0xFFFF67278)
YUV	154.1520, -16.8369, 80.5507
Hunter-Lab	57.2727, 46.8348, 17.8380

Details

The CIELCh color **64, 55.411, 22.803** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **90, 38.490, 192.253**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 34.023, 19.807**, and **44, 55.549, 22.456** is the 20% darker color. If you saturate the color by 10%, you get **59, 66.790, 25.566**, and if you desaturate by 10%, it is **69, 44.021, 20.651**.

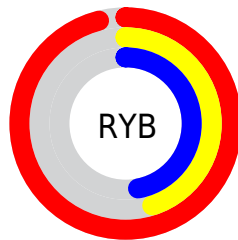
Distribution



Red (96%)

Green (45%)

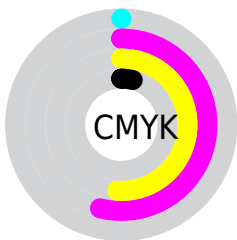
Blue (47%)



Red (96%)

Yellow (45%)

Blue (47%)

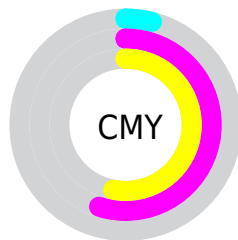


Cyan (0%)

Magenta (54%)

Yellow (51%)

Black (4%)



Cyan (4%)

Magenta (55%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 55.411, 22.803 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, 55.411, 22.803 by changing the saturation by 10% instead.

 64, 55.411, 22.803

 64, 55.411, 22.803

 100, 55.411,
22.803

 54, 55.411, 22.803

 84, 55.411, 22.803

 44, 55.411, 22.803

 94, 55.411, 22.803

 34, 55.411, 22.803

 24, 55.411, 22.803

 14, 55.411, 22.803

 4, 55.411, 22.803

 0, 55.411, 22.803

 64, 55.411, 22.803

 64, 55.411, 22.803

 59, 66.790, 25.566

 69, 44.021, 20.651

■ 56, 77.768, 29.000

■ 75, 32.949, 18.981

■ 53, 87.858, 32.979

■ 81, 22.408, 17.677

■ 52, 96.192, 36.907

■ 88, 12.506, 16.637

■ 51, 99.861, 38.708

■ 94, 3.277, 15.683

■ 99, 3.271, 199.400

Harmonies

Complementary

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



64, 55.411, 22.803



90, 38.490, 192.253

Rectangle

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



64, 55.411, 22.803



64, 55.411, 72.803



64, 55.411, 202.803



64, 55.411, 252.803

Sweetspot

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



64, 55.408, 22.806



89, 15.151, 16.858



67, 79.550, 325.690



46, 10.306, 17.065



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, 55.408, 22.806



61, 69.189, 25.689



76, 45.641, 63.662



48, 5.083, 16.247



39, 80.589, 38.206



8, 30.738, 23.180

Inverse Universe

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



64, 55.408, 22.806



61, 69.189, 25.689



73, 36.898, 260.239



48, 5.083, 16.247



39, 80.589, 38.206



8, 30.738, 23.180

Previews

White Background



This preview shows how the CIELCh color 64, 55.411, 22.803 looks on a white background.

Color Contrast Check

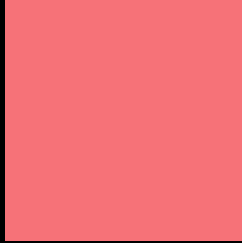
Large Text (above 18pt) WCAG AA × Fail

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, 55.411, 22.803 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, 55.411, 22.803

Background



This preview shows how black text looks on a background with the CIELCh color 64, 55.411, 22.803.



This preview shows how white text looks on a background with the CIELCh color 64, 55.411, 22.803.

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, 55.411, 22.803

Protanopia

64, 9.303, 91.640

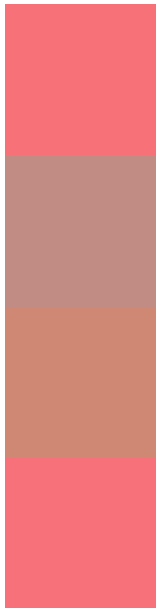
Deuteranopia

64, 24.829, 70.722



Tritanopia
64, 55.627, 21.833

Trichromacy



Original Color
64, 55.411, 22.803

Protanomaly
63, 22.233, 32.873

Deuteranomaly
63, 32.725, 41.622

Tritanomaly
64, 55.627, 21.833

Monochromacy



Original Color
64, 55.411, 22.803

Achromatopsia
64, 0.008, 296.813

Achromatomaly
62, 19.516, 16.545

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 55.411, 22.803 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(246, 114, 120)` looks like.

```
.text, #text, p{  
    color:rgb(246, 114, 120)  
}
```

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(246, 114, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 114, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 55.411, 22.803 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(246, 114, 120) }
```

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

```
.border{ border-color:rgb(246, 114, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 114, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 114, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 114, 120);  
box-shadow:4px 4px 4px 4px rgb(246, 114,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 55.411, 22.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 114, 120) }
```

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

```
.background{ background-color: rgb(246,  
114, 120) }
```

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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