

Converting Colors

CIELCh(64, 62.775, 28.217)

Have a look what the booklet for
CIELCh(64, 62.775, 28.217) contains.

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Color

CIELCh(64, 62.850, 27.940)

Conversions

Conversions Part 1

Format	Color
Hex	FE6C6A
RGB	254, 108, 106
RGB Percent	100%, 42%, 42%
CMY	0.0043, 0.5767, 0.5846
CMYK	0.00, 0.57, 0.58, 0.00
HSL	1°, 99%, 71%
HSV	1°, 58%, 100%
XYZ	48.7925, 32.8017, 17.3762
YIQ	151.4260, 87.6580, 30.3300

Conversions

Conversions Part 2

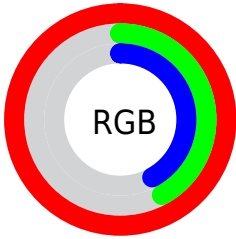
Format	Color
R_{YB}	254, 108, 106
Decimal	16673898
CIE Lab	64.00, 55.52, 29.45
CIE LCh	64, 62.850, 27.940
Yxy	32.8017, 0.4930, 0.3314
Android (android.graphics.Color)	4294863978 (0xFFFE6C6A)
YUV	151.4260, -22.3950, 89.9574
Hunter-Lab	57.2727, 51.8427, 22.1027

Details

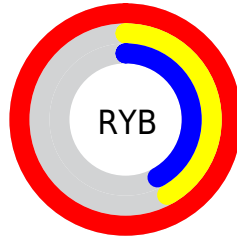
The CIELCh color **64, 62.850, 27.940** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **92, 40.250, 198.438**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 37.310, 28.307**, and **44, 63.056, 27.727** is the 20% darker color. If you saturate the color by 10%, you get **60, 75.003, 30.742**, and if you desaturate by 10%, it is **69, 50.686, 25.730**.

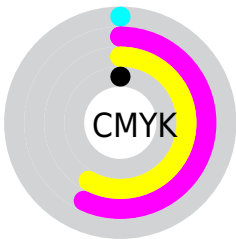
Distribution



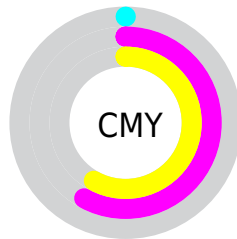
- Red (100%)
- Green (42%)
- Blue (42%)



- Red (100%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (57%)
- Yellow (58%)
- Black (0%)



- Cyan (0%)
- Magenta (58%)
- Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 62.850, 27.940 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, 62.850, 27.940 by changing the saturation by 10% instead.

 64, 62.850, 27.940

 64, 62.850, 27.940

 100, 62.850,
27.940

 54, 62.850, 27.940

 84, 62.850, 27.940

 44, 62.850, 27.940

 94, 62.850, 27.940

 34, 62.850, 27.940

 24, 62.850, 27.940

 14, 62.850, 27.940

 4, 62.850, 27.940

 0, 62.850, 27.940

 64, 62.850, 27.940

 64, 62.850, 27.940

 60, 75.003, 30.742

 69, 50.686, 25.730

■ 56, 86.617, 34.053

■ 75, 38.885, 24.030

■ 54, 96.684, 37.407

■ 81, 27.683, 22.735

■ 53, 103.193,
39.743

■ 87, 17.205, 21.743

■ 94, 7.486, 20.948

■ 53, 104.074,
40.095

100, 0.378,
201.133

Harmonies

Complementary

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



64, 62.850, 27.940



92, 40.250, 198.438

Rectangle

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



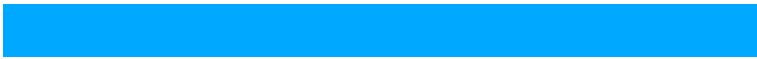
64, 62.850, 27.940



64, 62.850, 77.940



64, 62.850, 207.940



64, 62.850, 257.940

Sweetspot

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



64, 62.847, 27.943



89, 15.974, 21.633



68, 88.072, 327.402



46, 10.770, 21.807



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, 62.847, 27.943



59, 77.327, 31.286



79, 51.735, 67.997



50, 5.184, 21.041



40, 84.042, 40.136



10, 33.086, 27.835

Inverse Universe

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



92, 40.250, 198.438



91, 44.697, 198.316



71, 43.595, 267.620



52, 4.877, 200.148



69, 39.596, 198.510



23, 18.257, 198.250

Previews

White Background



This preview shows how the CIELCh color 64, 62.850, 27.940 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, 62.850, 27.940 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, 62.850, 27.940

Background



This preview shows how black text looks on a background with the CIELCh color 64, 62.850, 27.940.



This preview shows how white text looks on a background with the CIELCh color 64, 62.850, 27.940.

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, 62.850, 27.940

Protanopia

64, 16.589, 93.979

Deuteranopia

64, 32.678, 76.227



Tritanopia
64, 61.786, 23.756

Trichromacy



Original Color
64, 62.850, 27.940

Protanomaly
63, 27.806, 43.640

Deuteranomaly
63, 39.415, 48.409

Tritanomaly
64, 62.258, 25.210

Monochromacy



Original Color
64, 62.850, 27.940

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 21.846, 21.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 62.850, 27.940 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, 108, 106)` looks like.

```
.text, #text, p{  
    color:rgb(254, 108, 106)  
}
```

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, 108, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 108, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 62.850, 27.940 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, 108, 106) }
```

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

```
.border{ border-color:rgb(254, 108, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 108, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 108, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 108, 106);  
box-shadow:4px 4px 4px 4px rgb(254, 108,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 62.850, 27.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 108, 106) }
```

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

```
.background{ background-color: rgb(254,  
108, 106) }
```

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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