

Converting Colors

CIELCh(64, 62.974, 29.171)

Have a look what the booklet for
CIELCh(64, 62.974, 29.171) contains.

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Color

CIELCh(64, 63.243, 28.863)

Conversions

Conversions Part 1

Format	Color
Hex	FE6C68
RGB	254, 108, 104
RGB Percent	100%, 42%, 41%
CMY	0.0039, 0.5764, 0.5921
CMYK	0.00, 0.57, 0.59, 0.00
HSL	2°, 99%, 70%
HSV	2°, 59%, 100%
XYZ	48.7423, 32.8017, 16.8622
YIQ	151.1980, 88.3000, 29.7080

Conversions

Conversions Part 2

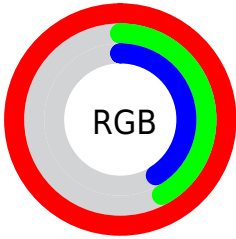
Format	Color
RYB	254, 108, 104
Decimal	16673896
CIELab	64.00, 55.39, 30.53
CIELCh	64, 63.243, 28.863
Yxy	32.8017, 0.4953, 0.3333
Android (android.graphics.Color)	4294863976 (0xFFFE6C68)
YUV	151.1980, -23.2686, 90.1574
Hunter-Lab	57.2727, 51.6862, 22.6348

Details

The CIELCh color **64, 63.243, 28.863** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **91, 40.013, 199.974**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 37.616, 29.851**, and **44, 63.115, 28.615** is the 20% darker color. If you saturate the color by 10%, you get **60, 75.405, 31.569**, and if you desaturate by 10%, it is **69, 51.098, 26.720**.

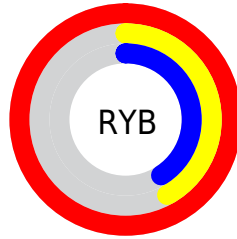
Distribution



Red (100%)

Green (42%)

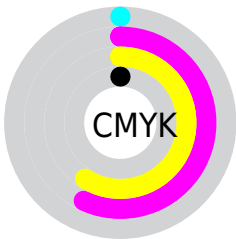
Blue (41%)



Red (100%)

Yellow (42%)

Blue (41%)

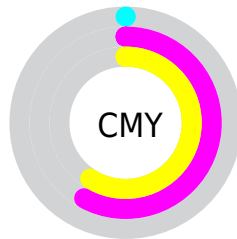


Cyan (0%)

Magenta (57%)

Yellow (59%)

Black (0%)



Cyan (0%)

Magenta (58%)

Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 63.243, 28.863 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, 63.243, 28.863 by changing the saturation by 10% instead.

 64, 63.243, 28.863

 64, 63.243, 28.863

 100, 63.243,
28.863

 54, 63.243, 28.863

 84, 63.243, 28.863

 44, 63.243, 28.863

 94, 63.243, 28.863

 34, 63.243, 28.863

 24, 63.243, 28.863

 14, 63.243, 28.863

 4, 63.243, 28.863

 0, 63.243, 28.863

 64, 63.243, 28.863

 64, 63.243, 28.863

 60, 75.405, 31.569

 69, 51.098, 26.720

■ 57, 87.039, 34.737

■ 75, 39.338, 25.071

■ 54, 97.061, 37.873

■ 81, 28.188, 23.819

■ 53, 103.462,
39.992

■ 87, 17.767, 22.865

■ 94, 8.107, 22.111

■ 53, 103.949,
40.188

100, 0.342,
201.323

Harmonies

Complementary

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



64, 63.243, 28.863



91, 40.013, 199.974

Rectangle

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



64, 63.243, 28.863



64, 63.243, 78.863



64, 63.243, 208.863



64, 63.243, 258.863

Sweetspot

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



64, 63.240, 28.866



88, 16.767, 22.779



68, 88.050, 327.939



45, 11.788, 23.024



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, 63.240, 28.866



59, 77.980, 32.162



79, 52.683, 69.495



50, 5.117, 22.143



40, 83.861, 40.269



10, 32.820, 28.480

Inverse Universe

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



91, 40.013, 199.974



90, 44.320, 200.003



70, 45.203, 269.694



52, 4.813, 201.341



69, 38.888, 200.677



23, 17.968, 200.142

Previews

White Background



This preview shows how the CIELCh color 64, 63.243, 28.863 looks on a white background.

Color Contrast Check

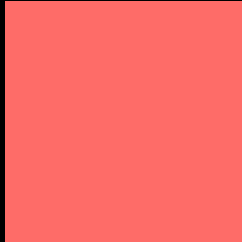
Large Text (above 18pt) WCAG AA × Fail

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, 63.243, 28.863 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, 63.243, 28.863

Background



This preview shows how black text looks on a background with the CIELCh color 64, 63.243, 28.863.



This preview shows how white text looks on a background with the CIELCh color 64, 63.243, 28.863.

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, 63.243, 28.863

Protanopia

64, 17.663, 94.696

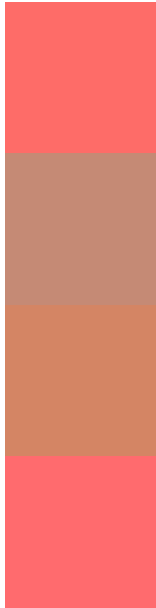
Deuteranopia

64, 33.702, 75.305



Tritanopia
64, 62.185, 23.827

Trichromacy



Original Color
64, 63.243, 28.863

Protanomaly
63, 28.391, 45.521

Deuteranomaly
63, 40.629, 48.490

Tritanomaly
64, 62.829, 25.745

Monochromacy



Original Color
64, 63.243, 28.863

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 21.919, 23.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 63.243, 28.863 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, 104)` looks like.

```
.text, #text, p{  
    color:rgb(254, 108, 104)  
}
```

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, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 108, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 63.243, 28.863 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, 104) }
```

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

```
.border{ border-color:rgb(254, 108, 104) }
```

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, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 108, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 108, 104);  
box-shadow:4px 4px 4px 4px rgb(254, 108,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 63.243, 28.863 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, 104) }
```

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

```
.background{ background-color: rgb(254,  
108, 104) }
```

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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