

Converting Colors

CIELCh(63, 64.260, 28.754)

Have a look what the booklet for
CIELCh(63, 64.260, 28.754) contains.

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Color

CIELCh(63, 64.179, 28.697)

Conversions

Conversions Part 1

Format	Color
Hex	FC6865
RGB	252, 104, 101
RGB Percent	99%, 41%, 40%
CMY	0.0112, 0.5917, 0.6035
CMYK	0.00, 0.59, 0.60, 0.01
HSL	1°, 96%, 69%
HSV	1°, 60%, 99%
XYZ	47.5102, 31.5869, 15.9317
YIQ	147.9100, 89.1710, 30.4430

Conversions

Conversions Part 2

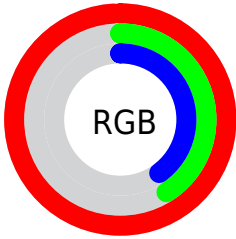
Format	Color
R _Y B	252, 104, 101
Decimal	16541797
CIE Lab	63.00, 56.30, 30.82
CIE LCh	63, 64.179, 28.697
Yxy	31.5869, 0.5000, 0.3324
Android (android.graphics.Color)	4294731877 (0xFFFC6865)
YUV	147.9100, -23.1266, 91.2869
Hunter-Lab	56.2022, 52.5399, 22.5345

Details

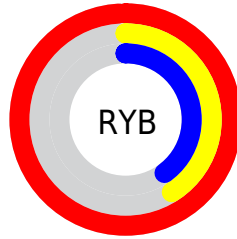
The CIELCh color **63, 64.179, 28.697** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **91, 40.419, 199.173**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 39.309, 29.016**, and **43, 63.945, 28.831** is the 20% darker color. If you saturate the color by 10%, you get **59, 76.235, 31.520**, and if you desaturate by 10%, it is **68, 52.072, 26.453**.

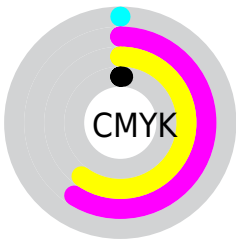
Distribution



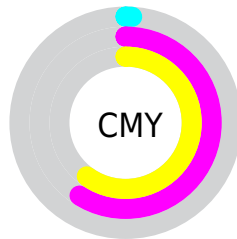
- Red (99%)
- Green (41%)
- Blue (40%)



- Red (99%)
- Yellow (41%)
- Blue (40%)



- Cyan (0%)
- Magenta (59%)
- Yellow (60%)
- Black (1%)



- Cyan (1%)
- Magenta (59%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 64.179, 28.697 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 63, 64.179, 28.697 by changing the saturation by 10% instead.

63, 64.179, 28.697

63, 64.179, 28.697

100, 64.179,
28.697

53, 64.179, 28.697

83, 64.179, 28.697

43, 64.179, 28.697

93, 64.179, 28.697

33, 64.179, 28.697

23, 64.179, 28.697

13, 64.179, 28.697

3, 64.179, 28.697

0, 64.179, 28.697

63, 64.179, 28.697

63, 64.179, 28.697

59, 76.235, 31.520

68, 52.072, 26.453

■ 56, 87.673, 34.799

■ 74, 40.301, 24.721

■ 54, 97.350, 37.981

■ 80, 29.108, 23.404

■ 53, 103.390,
40.121

■ 86, 18.627, 22.399

■ 53, 103.442,
40.142

■ 92, 8.901, 21.608

■ 99, 0.086, 208.797

■ 100, 0.996,
200.008

Harmonies

Complementary

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



63, 64.179, 28.697



91, 40.419, 199.173

Rectangle

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



63, 64.179, 28.697



63, 64.179, 78.697



63, 64.179, 208.697



63, 64.179, 258.697

Sweetspot

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



63, 64.176, 28.700



88, 16.875, 22.236



67, 88.512, 327.972



45, 11.864, 22.490



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 64.176, 28.700



59, 79.442, 32.194



78, 53.187, 69.380



49, 5.066, 21.578



39, 83.113, 40.205



9, 31.769, 27.155

Inverse Universe

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



91, 40.419, 199.173



91, 44.940, 199.138



70, 45.553, 269.969



51, 4.766, 200.731



68, 38.853, 199.561



22, 17.639, 199.150

Previews

White Background



This preview shows how the CIELCh color 63, 64.179, 28.697 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 63, 64.179, 28.697 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 63, 64.179, 28.697

Background



This preview shows how black text looks on a background with the CIELCh color 63, 64.179, 28.697.



This preview shows how white text looks on a background with the CIELCh color 63, 64.179, 28.697.

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
63, 63.419, 24.687

Trichromacy



Original Color
63, 64.179, 28.697

Protanomaly
62, 28.946, 45.189

Deuteranomaly
62, 40.712, 49.320

Tritanomaly
63, 63.928, 26.095

Monochromacy



Original Color
63, 64.179, 28.697

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 22.447, 23.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 64.179, 28.697 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(252, 104, 101)` looks like.

```
.text, #text, p{  
    color:rgb(252, 104, 101)  
}
```

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(252, 104, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 104, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 64.179, 28.697 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(252, 104, 101) }
```

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

```
.border{ border-color:rgb(252, 104, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 104, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 104, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 104, 101);  
box-shadow:4px 4px 4px 4px rgb(252, 104,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 64.179, 28.697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 104, 101) }
```

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

```
.background{ background-color: rgb(252,  
104, 101) }
```

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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