

Converting Colors

CIELCh(74, 89.771, 25.045)

Have a look what the booklet for
CIELCh(74, 89.771, 25.045) contains.

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Color

CIELCh(63, 64.260, 19.250)

Conversions

Conversions Part 1

Format	Color
Hex	FF6376
RGB	255, 99, 118
RGB Percent	100%, 39%, 46%
CMY	0.0000, 0.6108, 0.5365
CMYK	0.00, 0.61, 0.54, 0.00
HSL	353°, 100%, 69%
HSV	353°, 61%, 100%
XYZ	49.0976, 31.5869, 20.7110
YIQ	147.8100, 86.8770, 38.9810

Conversions

Conversions Part 2

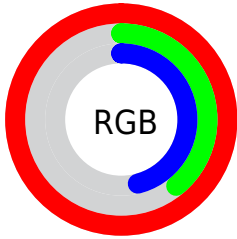
Format	Color
R _Y B	255, 99, 118
Decimal	16737142
CIE Lab	63.00, 60.67, 21.19
CIE LCh	63, 64.260, 19.250
Yxy	31.5869, 0.4842, 0.3115
Android (android.graphics.Color)	4294927222 (0xFFFF6376)
YUV	147.8100, -14.6963, 94.0056
Hunter-Lab	56.2022, 57.5816, 17.4927

Details

The CIELCh color **63, 64.260, 19.250** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **92, 45.383, 184.002**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 39.448, 12.521**, and **43, 64.377, 19.335** is the 20% darker color. If you saturate the color by 10%, you get **59, 74.645, 22.627**, and if you desaturate by 10%, it is **68, 53.133, 16.538**.

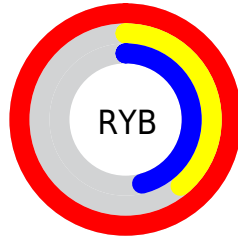
Distribution



Red (100%)

Green (39%)

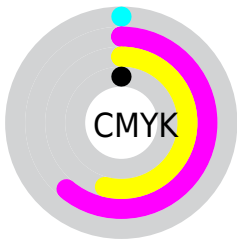
Blue (46%)



Red (100%)

Yellow (39%)

Blue (46%)

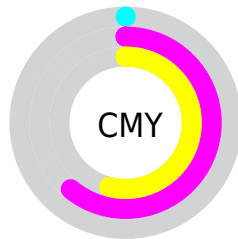


Cyan (0%)

Magenta (61%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (61%)

Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 64.260, 19.250 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, 64.260, 19.250 by changing the saturation by 10% instead.

 63, 64.260, 19.250

 63, 64.260, 19.250

 100, 64.260,
19.250

 53, 64.260, 19.250

 83, 64.260, 19.250

 43, 64.260, 19.250

 93, 64.260, 19.250

 33, 64.260, 19.250

 23, 64.260, 19.250

 13, 64.260, 19.250

 3, 64.260, 19.250

 0, 64.260, 19.250

 63, 64.260, 19.250

 63, 64.260, 19.250

 59, 74.645, 22.627

 68, 53.133, 16.538

56, 84.228, 26.796

73, 41.959, 14.431

54, 92.639, 31.540

79, 30.978, 12.765

53, 98.908, 35.619

86, 20.419, 11.426

92, 10.406, 10.315

99, 0.989, 8.836

100, 0.012,
296.813

Harmonies

Complementary

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



63, 64.260, 19.250



92, 45.383, 184.002

Rectangle

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



63, 64.260, 19.250



63, 64.260, 69.250



63, 64.260, 199.250



63, 64.260, 249.250

Sweetspot

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



63, 64.161, 19.225



88, 17.269, 11.064



65, 90.390, 323.327



45, 12.107, 11.405



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, 64.161, 19.225



58, 76.560, 23.367



74, 55.045, 54.898



50, 5.311, 10.152



40, 78.913, 34.785



10, 32.456, 22.208

Inverse Universe

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



63, 64.161, 19.225



58, 76.560, 23.367



76, 38.779, 251.282



50, 5.311, 10.152



40, 78.913, 34.785



10, 32.456, 22.208

Previews

White Background



This preview shows how the CIELCh color 63, 64.260, 19.250 looks on a white background.

Color Contrast Check

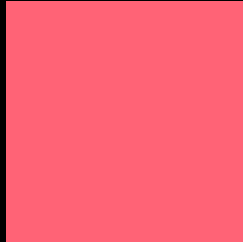
Large Text (above 18pt) WCAG AA × Fail

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, 64.260, 19.250 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, 64.260, 19.250

Background



This preview shows how black text looks on a background with the CIELCh color 63, 64.260, 19.250.



This preview shows how white text looks on a background with the CIELCh color 63, 64.260, 19.250.

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

63, 64.260, 19.250

Protanopia

63, 4.860, 85.737

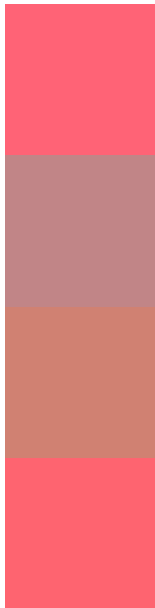
Deuteranopia

63, 24.939, 70.648



Tritanopia
63, 64.592, 24.549

Trichromacy



Original Color
63, 64.260, 19.250

Protanomaly
62, 24.753, 19.486

Deuteranomaly
62, 35.672, 36.077

Tritanomaly
63, 64.295, 22.341

Monochromacy



Original Color
63, 64.260, 19.250

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 23.540, 12.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 64.260, 19.250 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(255, 99, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 99, 118)  
}
```

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(255, 99, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 99, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 64.260, 19.250 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(255, 99, 118) }
```

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

```
.border{ border-color:rgb(255, 99, 118) }
```

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

Here you see how a box with a 4 pixel rgb(255, 99, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 99, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 99, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 99,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 64.260, 19.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 99, 118) }
```

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

```
.background{ background-color: rgb(255, 99,  
118) }
```

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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