

Converting Colors

CIELCh(62, 66.659, 23.499)

Have a look what the booklet for
CIELCh(62, 66.659, 23.499) contains.

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Color

CIELCh(62, 66.724, 23.570)

Conversions

Conversions Part 1

Format	Color
Hex	FE5F6A
RGB	254, 95, 106
RGB Percent	100%, 37%, 42%
CMY	0.0028, 0.6264, 0.5834
CMYK	0.00, 0.63, 0.58, 0.00
HSL	356°, 99%, 69%
HSV	356°, 63%, 100%
XYZ	47.7084, 30.4025, 17.0510
YIQ	143.7950, 91.2330, 37.1290

Conversions

Conversions Part 2

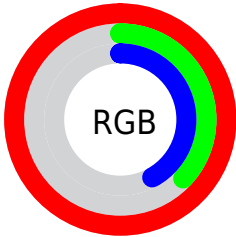
Format	Color
R_{YB}	254, 95, 106
Decimal	16670570
CIE _{Lab}	62.00, 61.16, 26.68
CIE _{LCh}	62, 66.724, 23.570
Yxy	30.4025, 0.5013, 0.3195
Android (android.graphics.Color)	4294860650 (0xFFFE5F6A)
YUV	143.7950, -18.6329, 96.6498
Hunter-Lab	55.1385, 57.9541, 20.2622

Details

The CIELCh color **62, 66.724, 23.570** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted rose. A complement of this color would be **92, 44.313, 189.246**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 41.516, 19.843**, and **42, 66.677, 23.527** is the 20% darker color. If you saturate the color by 10%, you get **58, 77.769, 27.004**, and if you desaturate by 10%, it is **67, 55.240, 20.839**.

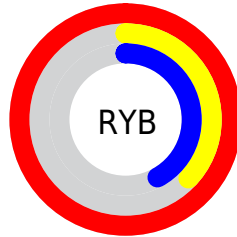
Distribution



Red (100%)

Green (37%)

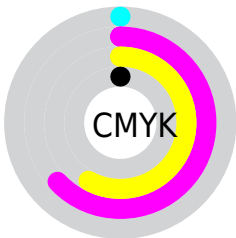
Blue (42%)



Red (100%)

Yellow (37%)

Blue (42%)

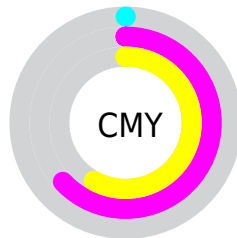


Cyan (0%)

Magenta (63%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (63%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 66.724, 23.570 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 62, 66.724, 23.570 by changing the saturation by 10% instead.

62, 66.724, 23.570

62, 66.724, 23.570

100, 66.724,
23.570

52, 66.724, 23.570

82, 66.724, 23.570

42, 66.724, 23.570

92, 66.724, 23.570

32, 66.724, 23.570

22, 66.724, 23.570

12, 66.724, 23.570

2, 66.724, 23.570

0, 66.724, 23.570

62, 66.724, 23.570

62, 66.724, 23.570

58, 77.769, 27.004

67, 55.240, 20.839

■ 55, 87.963, 31.080

■ 72, 43.726, 18.704

■ 54, 96.697, 35.367

■ 78, 32.504, 17.040

■ 53, 101.609,
38.003

■ 85, 21.794, 15.728

■ 91, 11.710, 14.666

■ 98, 2.287, 13.601

100, 0.246,
202.080

Harmonies

Complementary

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



62, 66.724, 23.570



92, 44.313, 189.246

Rectangle

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



62, 66.724, 23.570



62, 66.724, 73.570



62, 66.724, 203.570



62, 66.724, 253.570

Sweetspot

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



62, 66.721, 23.573



87, 18.196, 15.329



65, 92.314, 324.934



45, 12.647, 15.650



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 66.721, 23.573



57, 80.561, 27.961



75, 55.960, 59.478



50, 5.267, 14.376



40, 81.374, 37.384



10, 32.822, 24.399

Inverse Universe

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



62, 66.721, 23.573



57, 80.561, 27.961



73, 41.684, 258.837



50, 5.267, 14.376



40, 81.374, 37.384



10, 32.822, 24.399

Previews

White Background



This preview shows how the CIELCh color 62, 66.724, 23.570 looks on a white background.

Color Contrast Check

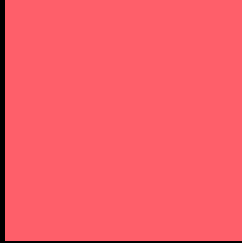
Large Text (above 18pt) WCAG AA × Fail

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 62, 66.724, 23.570 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 62, 66.724, 23.570

Background



This preview shows how black text looks on a background with the CIELCh color 62, 66.724, 23.570.

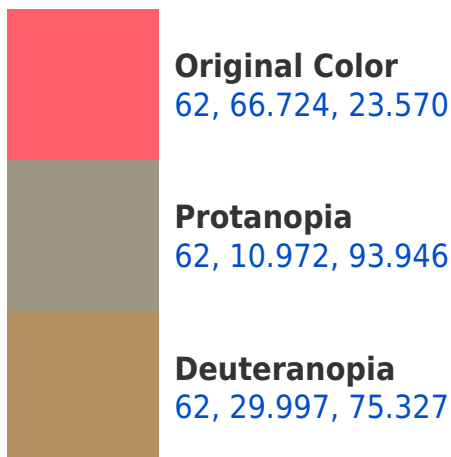


This preview shows how white text looks on a background with the CIELCh color 62, 66.724, 23.570.

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
62, 67.100, 25.676

Trichromacy



Original Color
62, 66.724, 23.570

Protanomaly
60, 26.883, 31.541

Deuteranomaly
61, 39.103, 42.396

Tritanomaly
62, 66.753, 24.781

Monochromacy



Original Color
62, 66.724, 23.570

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 24.092, 16.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 66.724, 23.570 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, 95, 106)` looks like.

```
.text, #text, p{  
    color:rgb(254, 95, 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, 95, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 95, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 66.724, 23.570 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, 95, 106) }
```

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

```
.border{ border-color:rgb(254, 95, 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, 95, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 95, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 95, 106);  
box-shadow:4px 4px 4px 4px rgb(254, 95,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 66.724, 23.570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 95, 106) }
```

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

```
.background{ background-color: rgb(254, 95,  
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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