

Converting Colors

CIELCh(62, 62.007, 25.970)

Have a look what the booklet for
CIELCh(62, 62.007, 25.970) contains.

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Color

CIELCh(62, 61.985, 25.868)

Conversions

Conversions Part 1

Format	Color
Hex	F76669
RGB	247, 102, 105
RGB Percent	97%, 40%, 41%
CMY	0.0303, 0.5990, 0.5874
CMYK	0.00, 0.59, 0.57, 0.03
HSL	359°, 90%, 69%
HSV	359°, 59%, 97%
XYZ	45.7956, 30.4025, 16.8792
YIQ	145.6970, 85.4570, 31.6730

Conversions

Conversions Part 2

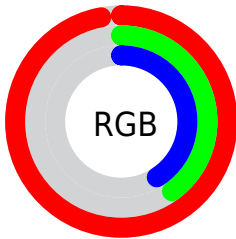
Format	Color
R _Y B	247, 102, 105
Decimal	16213609
CIE Lab	62.00, 55.77, 27.04
CIE LCh	62, 61.985, 25.868
Yxy	30.4025, 0.4920, 0.3266
Android (android.graphics.Color)	4294403689 (0xFFFF76669)
YUV	145.6970, -20.0636, 88.8427
Hunter-Lab	55.1385, 51.7619, 20.4468

Details

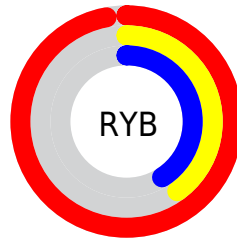
The CIELCh color **62, 61.985, 25.868** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **90, 40.537, 194.668**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 39.421, 24.578**, and **42, 61.909, 25.960** is the 20% darker color. If you saturate the color by 10%, you get **58, 73.593, 28.893**, and if you desaturate by 10%, it is **67, 50.242, 23.483**.

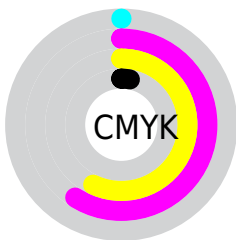
Distribution



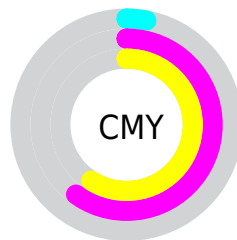
- Red (97%)
- Green (40%)
- Blue (41%)



- Red (97%)
- Yellow (40%)
- Blue (41%)



- Cyan (0%)
- Magenta (59%)
- Yellow (57%)
- Black (3%)



- Cyan (3%)
- Magenta (60%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 61.985, 25.868 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, 61.985, 25.868 by changing the saturation by 10% instead.

62, 61.985, 25.868

62, 61.985, 25.868

100, 61.985,
25.868

52, 61.985, 25.868

82, 61.985, 25.868

42, 61.985, 25.868

92, 61.985, 25.868

32, 61.985, 25.868

22, 61.985, 25.868

12, 61.985, 25.868

2, 61.985, 25.868

0, 61.985, 25.868

62, 61.985, 25.868

62, 61.985, 25.868

58, 73.593, 28.893

67, 50.242, 23.483

■ 55, 84.592, 32.508

■ 73, 38.743, 21.637

■ 53, 94.184, 36.299

■ 79, 27.746, 20.217

■ 52, 100.690,
39.151

■ 85, 17.402, 19.112

■ 92, 7.766, 18.215

■ 52, 101.353,
39.417

■ 98, 1.167, 198.180

■ 99, 2.672, 199.484

Harmonies

Complementary

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



62, 61.985, 25.868



90, 40.537, 194.668

Rectangle

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



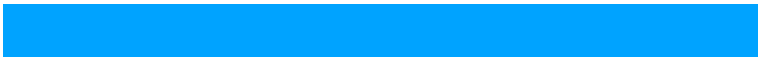
62, 61.985, 25.868



62, 61.985, 75.868



62, 61.985, 205.868



62, 61.985, 255.868

Sweetspot

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



62, 61.982, 25.871



88, 17.181, 19.051



66, 86.279, 326.379



45, 12.071, 19.343



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, 61.982, 25.871



59, 77.030, 29.391



76, 50.769, 64.726



48, 5.079, 18.286



39, 81.623, 39.174



8, 30.893, 24.193

Inverse Universe

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



62, 61.982, 25.871



59, 77.030, 29.391



71, 41.038, 263.853



48, 5.079, 18.286



39, 81.623, 39.174



8, 30.893, 24.193

Previews

White Background



This preview shows how the CIELCh color 62, 61.985, 25.868 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, 61.985, 25.868 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, 61.985, 25.868

Background



This preview shows how black text looks on a background with the CIELCh color 62, 61.985, 25.868.

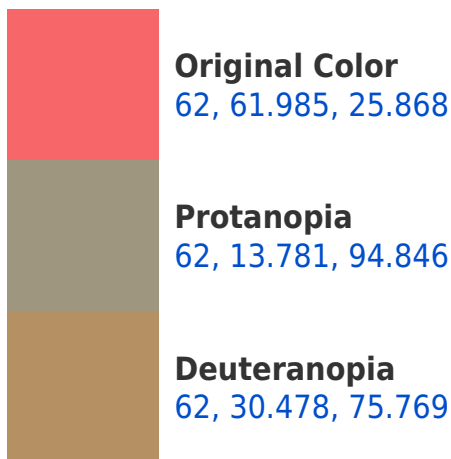


This preview shows how white text looks on a background with the CIELCh color 62, 61.985, 25.868.

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, 61.485, 24.406

Trichromacy



Original Color
62, 61.985, 25.868

Protanomaly
61, 26.134, 40.169

Deuteranomaly
61, 37.627, 46.365

Tritanomaly
62, 61.646, 24.896

Monochromacy



Original Color
62, 61.985, 25.868

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 21.952, 20.309

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 61.985, 25.868 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(247, 102, 105)` looks like.

```
.text, #text, p{  
    color:rgb(247, 102, 105)  
}
```

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(247, 102, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 102, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 61.985, 25.868 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(247, 102, 105) }
```

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

```
.border{ border-color:rgb(247, 102, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 102, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 102, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 102, 105);  
box-shadow:4px 4px 4px 4px rgb(247, 102,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 61.985, 25.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 102, 105) }
```

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

```
.background{ background-color: rgb(247,  
102, 105) }
```

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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