

Converting Colors

CIELCh(62, 69.183, 29.016)

Have a look what the booklet for
CIELCh(62, 69.183, 29.016) contains.

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Color

CIELCh(62, 69.068, 29.177)

Conversions

Conversions Part 1

Format	Color
Hex	FF605E
RGB	255, 96, 94
RGB Percent	100%, 38%, 37%
CMY	0.0003, 0.6238, 0.6316
CMYK	0.00, 0.62, 0.63, 0.00
HSL	1°, 100%, 68%
HSV	1°, 63%, 100%
XYZ	47.4019, 30.4025, 13.9444
YIQ	143.3130, 95.4060, 33.0860

Conversions

Conversions Part 2

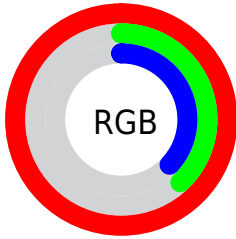
Format	Color
R _Y B	255, 96, 94
Decimal	16736350
CIE Lab	62.00, 60.30, 33.67
CIE LCh	62, 69.068, 29.177
Yxy	30.4025, 0.5166, 0.3314
Android (android.graphics.Color)	4294926430 (0xFFFF605E)
YUV	143.3130, -24.3113, 97.9495
Hunter-Lab	55.1385, 56.9618, 23.6026

Details

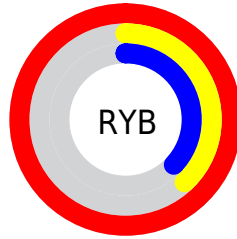
The CIELCh color **62, 69.068, 29.177** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **92, 42.406, 198.241**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 42.586, 28.980**, and **42, 69.150, 29.060** is the 20% darker color. If you saturate the color by 10%, you get **58, 81.073, 32.268**, and if you desaturate by 10%, it is **67, 56.812, 26.674**.

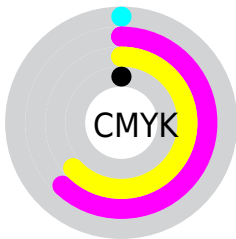
Distribution



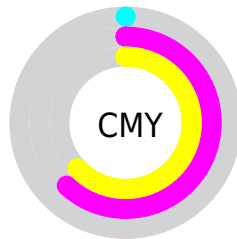
- Red (100%)
- Green (38%)
- Blue (37%)



- Red (100%)
- Yellow (38%)
- Blue (37%)



- Cyan (0%)
- Magenta (62%)
- Yellow (63%)
- Black (0%)



- Cyan (0%)
- Magenta (62%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 69.068, 29.177 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, 69.068, 29.177 by changing the saturation by 10% instead.

62, 69.068, 29.177

62, 69.068, 29.177

100, 69.068,
29.177

52, 69.068, 29.177

82, 69.068, 29.177

42, 69.068, 29.177

92, 69.068, 29.177

32, 69.068, 29.177

22, 69.068, 29.177

12, 69.068, 29.177

2, 69.068, 29.177

0, 69.068, 29.177

62, 69.068, 29.177

62, 69.068, 29.177

58, 81.073, 32.268

67, 56.812, 26.674

■ 55, 92.137, 35.713

■ 72, 44.754, 24.728

■ 54, 100.757,
38.721

■ 78, 33.193, 23.242

■ 53, 104.400,
40.087

■ 84, 22.308, 22.109

■ 91, 12.176, 21.230

■ 98, 2.802, 20.394

■ 100, 0.031,
221.421

Harmonies

Complementary

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



62, 69.068, 29.177



92, 42.406, 198.241

Rectangle

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



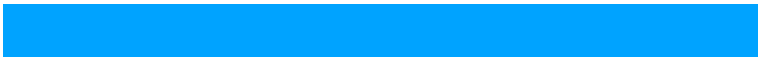
62, 69.068, 29.177



62, 69.068, 79.177



62, 69.068, 209.177



62, 69.068, 259.177

Sweetspot

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



62, 69.065, 29.180



87, 18.015, 21.719



67, 93.984, 327.579



45, 12.540, 21.984



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, 69.065, 29.180



57, 84.389, 33.235



78, 56.710, 67.334



50, 5.189, 20.950



40, 84.058, 40.125



10, 33.109, 27.781

Inverse Universe

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



92, 42.406, 198.241



91, 46.370, 198.156



69, 47.187, 269.290



52, 4.883, 200.050



70, 39.657, 198.333



23, 18.282, 198.095

Previews

White Background



This preview shows how the CIELCh color 62, 69.068, 29.177 looks on a white background.

Color Contrast Check

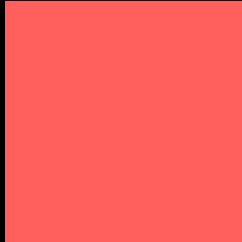
Large Text (above 18pt) WCAG AA × Fail

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, 69.068, 29.177 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, 69.068, 29.177

Background



This preview shows how black text looks on a background with the CIELCh color 62, 69.068, 29.177.



This preview shows how white text looks on a background with the CIELCh color 62, 69.068, 29.177.

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

62, 69.068, 29.177

Protanopia

62, 19.389, 95.503

Deuteranopia

62, 36.803, 77.209



Tritanopia
62, 67.964, 25.875

Trichromacy



Original Color
62, 69.068, 29.177

Protanomaly
60, 31.567, 44.555

Deuteranomaly
61, 44.155, 49.681

Tritanomaly
62, 68.527, 27.177

Monochromacy



Original Color
62, 69.068, 29.177

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 24.379, 23.359

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 69.068, 29.177 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, 96, 94)` looks like.

```
.text, #text, p{  
    color:rgb(255, 96, 94)  
}
```

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, 96, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 96, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 69.068, 29.177 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, 96, 94) }
```

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

```
.border{ border-color:rgb(255, 96, 94) }
```

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

Here you see how a box with a 4 pixel rgb(255, 96, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 96, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 96, 94);  
box-shadow:4px 4px 4px 4px rgb(255, 96,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 69.068, 29.177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 96, 94) }
```

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

```
.background{ background-color: rgb(255, 96,  
94) }
```

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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