

Converting Colors

CIELCh(62, 69.425, 28.542)

Have a look what the booklet for
CIELCh(62, 69.425, 28.542) contains.

CIELCh(62, 69.129, 28.451)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 69.129, 28.451)

Conversions

Conversions Part 1

Format	Color
Hex	FF5F5F
RGB	255, 95, 95
RGB Percent	100%, 37%, 37%
CMY	0.0000, 0.6261, 0.6264
CMYK	0.00, 0.63, 0.63, 0.00
HSL	0°, 100%, 69%
HSV	0°, 63%, 100%
XYZ	47.5726, 30.4025, 14.2528
YIQ	142.8400, 95.3600, 33.9200

Conversions

Conversions Part 2

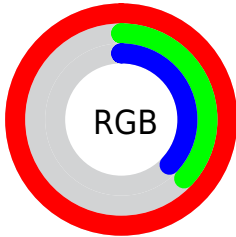
Format	Color
R _Y B	255, 95, 95
Decimal	16736095
CIE Lab	62.00, 60.78, 32.93
CIE LCh	62, 69.129, 28.451
Yxy	30.4025, 0.5158, 0.3296
Android (android.graphics.Color)	4294926175 (0xFFFF5F5F)
YUV	142.8400, -23.5851, 98.3643
Hunter-Lab	55.1385, 57.5145, 23.2710

Details

The CIELCh color **62, 69.129, 28.451** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **92, 42.802, 196.849**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **73, 42.744, 27.627**, and **42, 69.241, 28.288** is the 20% darker color. If you saturate the color by 10%, you get **58, 80.966, 31.637**, and if you desaturate by 10%, it is **67, 56.716, 25.852**.

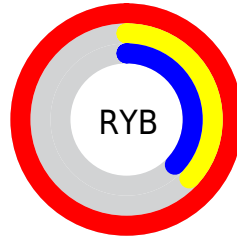
Distribution



Red (100%)

Green (37%)

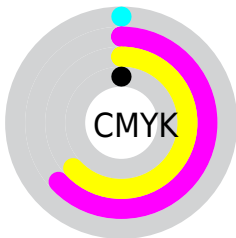
Blue (37%)



Red (100%)

Yellow (37%)

Blue (37%)

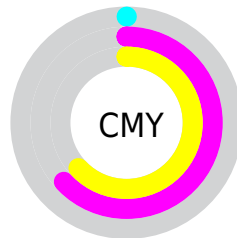


Cyan (0%)

Magenta (63%)

Yellow (63%)

Black (0%)



Cyan (0%)

Magenta (63%)

Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 69.129, 28.451 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, 69.129, 28.451 by changing the saturation by 10% instead.

 62, 69.129, 28.451

 62, 69.129, 28.451

 100, 69.129,
28.451

 52, 69.129, 28.451

 82, 69.129, 28.451

 42, 69.129, 28.451

 92, 69.129, 28.451

 32, 69.129, 28.451

 22, 69.129, 28.451

 12, 69.129, 28.451

 2, 69.129, 28.451

 0, 69.129, 28.451

 62, 69.129, 28.451

 62, 69.129, 28.451

 58, 80.966, 31.637

 67, 56.716, 25.852

■ 55, 91.995, 35.240

■ 72, 44.614, 23.847

■ 54, 100.647,
38.461

■ 78, 32.988, 22.314

■ 85, 22.029, 21.141

■ 53, 104.571,
40.003

■ 91, 11.821, 20.226

■ 98, 2.371, 19.316

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.



62, 69.129, 28.451



92, 42.802, 196.849

Rectangle

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



62, 69.129, 28.451



62, 69.129, 78.451



62, 69.129, 208.451



62, 69.129, 258.451

Sweetspot

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



62, 68.981, 28.437



87, 18.227, 20.784



67, 93.442, 327.561



45, 12.686, 21.062



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, 68.981, 28.437



57, 83.692, 32.469



78, 56.220, 67.405



49, 5.252, 19.972



40, 84.225, 40.004



10, 33.360, 27.194

Inverse Universe

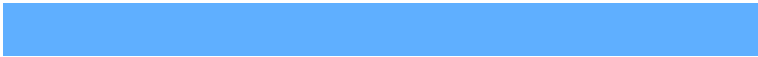
The Inverse Universe completely reimagines the original color for something new.



92, 42.802, 196.849



92, 46.802, 196.621



70, 46.837, 269.109



52, 4.943, 198.994



70, 40.344, 196.442



24, 18.561, 196.435

Previews

White Background



This preview shows how the CIELCh color 62, 69.129, 28.451 looks on a white background.

Color Contrast Check

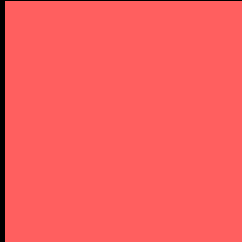
Large Text (above 18pt) WCAG AA × Fail

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, 69.129, 28.451 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, 69.129, 28.451

Background



This preview shows how black text looks on a background with the CIELCh color 62, 69.129, 28.451.



This preview shows how white text looks on a background with the CIELCh color 62, 69.129, 28.451.

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, 69.129, 28.451

Protanopia

62, 18.309, 94.928

Deuteranopia

62, 36.080, 77.497



Tritanopia
62, 68.147, 26.312

Trichromacy



Original Color
62, 69.129, 28.451

Protanomaly
61, 30.979, 42.857

Deuteranomaly
61, 43.806, 49.156

Tritanomaly
62, 68.527, 27.177

Monochromacy



Original Color
62, 69.129, 28.451

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 24.294, 22.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 69.129, 28.451 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, 95, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 95, 95)  
}
```

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, 95, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 69.129, 28.451 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, 95, 95) }
```

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

```
.border{ border-color:rgb(255, 95, 95) }
```

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

Here you see how a box with a 4 pixel rgb(255, 95, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 69.129, 28.451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 95, 95) }
```

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

```
.background{ background-color: rgb(255, 95,  
95) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor