

Converting Colors

CIELCh(62, 66.645, 21.375)

Have a look what the booklet for
CIELCh(62, 66.645, 21.375) contains.

CIELCh(62, 66.829, 21.532)	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, 66.829, 21.532)

Conversions

Conversions Part 1

Format	Color
Hex	FF5E6E
RGB	255, 94, 110
RGB Percent	100%, 37%, 43%
CMY	0.0000, 0.6312, 0.5685
CMYK	0.00, 0.63, 0.57, 0.00
HSL	354°, 100%, 68%
HSV	354°, 63%, 100%
XYZ	48.0723, 30.4025, 18.0932
YIQ	143.9630, 90.8200, 39.1080

Conversions

Conversions Part 2

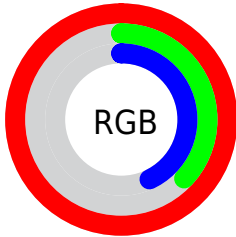
Format	Color
R _Y B	255, 94, 110
Decimal	16735854
CIE Lab	62.00, 62.17, 24.53
CIE LCh	62, 66.829, 21.532
Yxy	30.4025, 0.4978, 0.3148
Android (android.graphics.Color)	4294925934 (0xFFFF5E6E)
YUV	143.9630, -16.7438, 97.3794
Hunter-Lab	55.1385, 59.1323, 19.1414

Details

The CIELCh color **62, 66.829, 21.532** 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, 45.600, 186.040**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 41.695, 16.321**, and **42, 66.661, 21.393** is the 20% darker color. If you saturate the color by 10%, you get **58, 77.438, 25.065**, and if you desaturate by 10%, it is **67, 55.640, 18.722**.

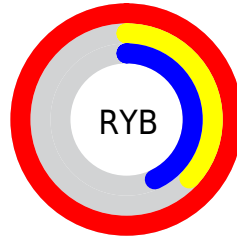
Distribution



Red (100%)

Green (37%)

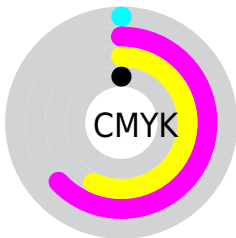
Blue (43%)



Red (100%)

Yellow (37%)

Blue (43%)

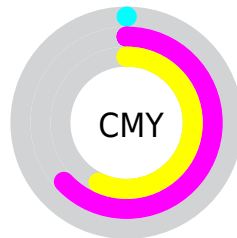


Cyan (0%)

Magenta (63%)

Yellow (57%)

Black (0%)



Cyan (0%)

Magenta (63%)

Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 66.829, 21.532 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, 66.829, 21.532 by changing the saturation by 10% instead.

 62, 66.829, 21.532

 62, 66.829, 21.532

 100, 66.829,
21.532

 52, 66.829, 21.532

 82, 66.829, 21.532

 42, 66.829, 21.532

 92, 66.829, 21.532

 32, 66.829, 21.532

 22, 66.829, 21.532

 12, 66.829, 21.532

 2, 66.829, 21.532

 0, 66.829, 21.532

 62, 66.829, 21.532

 62, 66.829, 21.532

 58, 77.438, 25.065

 67, 55.640, 18.722

■ 55, 87.146, 29.308

■ 72, 44.315, 16.522

■ 54, 95.539, 33.913

■ 78, 33.182, 14.796

■ 53, 100.234,
36.742

■ 84, 22.484, 13.422

■ 91, 12.354, 12.302

■ 98, 2.845, 11.229

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, 66.829, 21.532



92, 45.600, 186.040

Rectangle

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



62, 66.829, 21.532



62, 66.829, 71.532



62, 66.829, 201.532



62, 66.829, 251.532

Sweetspot

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



62, 66.814, 21.532



87, 18.235, 12.935



65, 93.055, 324.423



45, 12.665, 13.269



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, 66.814, 21.532



57, 80.340, 26.220



74, 56.834, 57.855



50, 5.289, 11.936



40, 80.009, 35.989



10, 32.606, 23.144

Inverse Universe

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



62, 66.814, 21.532



57, 80.340, 26.220



74, 41.274, 256.762



50, 5.289, 11.936



40, 80.009, 35.989



10, 32.606, 23.144

Previews

White Background



This preview shows how the CIELCh color 62, 66.829, 21.532 looks on a white background.

Color Contrast Check

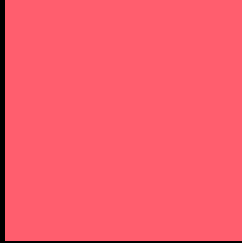
Large Text (above 18pt) WCAG AA × Fail

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, 66.829, 21.532 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, 66.829, 21.532

Background



This preview shows how black text looks on a background with the CIELCh color 62, 66.829, 21.532.

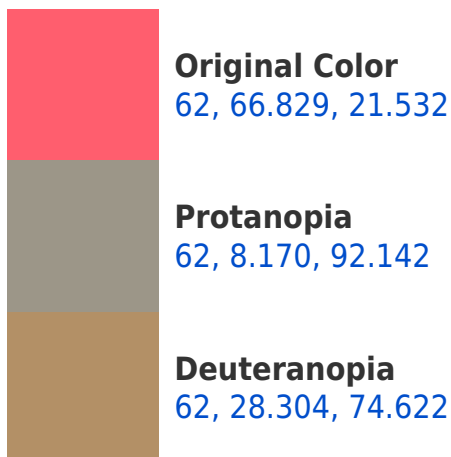


This preview shows how white text looks on a background with the CIELCh color 62, 66.829, 21.532.

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](#).

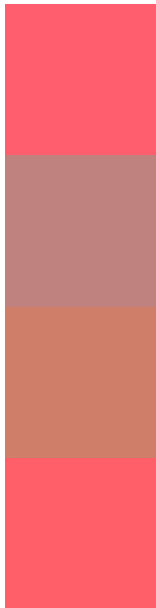
Dichromacy





Tritanopia
62, 67.678, 26.181

Trichromacy



Original Color
62, 66.829, 21.532

Protanomaly
61, 26.144, 25.774

Deuteranomaly
61, 38.248, 40.328

Tritanomaly
62, 67.441, 24.549

Monochromacy



Original Color
62, 66.829, 21.532

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 24.075, 14.146

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 66.829, 21.532 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, 94, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 110)  
}
```

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, 94, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 66.829, 21.532 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, 94, 110) }
```

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

```
.border{ border-color:rgb(255, 94, 110) }
```

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

Here you see how a box with a 4 pixel rgb(255, 94, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 66.829, 21.532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 110) }
```

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

```
.background{ background-color: rgb(255, 94,  
110) }
```

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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