

Converting Colors

CIELCh(66, 77.797, 22.542)

Have a look what the booklet for
CIELCh(66, 77.797, 22.542) contains.

CIELCh(62, 67.621, 20.226)	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, 67.621, 20.226)

Conversions

Conversions Part 1

Format	Color
Hex	FF5C70
RGB	255, 92, 112
RGB Percent	100%, 36%, 44%
CMY	0.0000, 0.6381, 0.5604
CMYK	0.00, 0.64, 0.56, 0.00
HSL	353°, 100%, 68%
HSV	353°, 64%, 100%
XYZ	48.5394, 30.4025, 18.6666
YIQ	143.0170, 90.7280, 40.7760

Conversions

Conversions Part 2

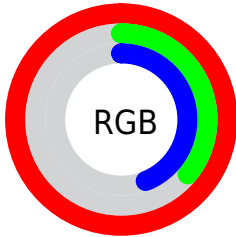
Format	Color
R _Y B	255, 92, 112
Decimal	16735344
CIE Lab	62.00, 63.45, 23.38
CIE LCh	62, 67.621, 20.226
Yxy	30.4025, 0.4973, 0.3115
Android (android.graphics.Color)	4294925424 (0xFFFF5C70)
YUV	143.0170, -15.2914, 98.2091
Hunter-Lab	55.1385, 60.6443, 18.5249

Details

The CIELCh color **62, 67.621, 20.226** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted rose. A complement of this color would be **92, 46.680, 183.727**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **73, 42.475, 13.018**, and **42, 66.993, 19.841** is the 20% darker color. If you saturate the color by 10%, you get **58, 77.357, 23.692**, and if you desaturate by 10%, it is **66, 56.165, 17.211**.

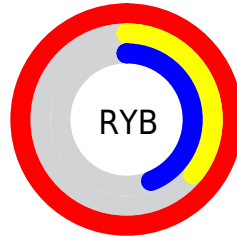
Distribution



Red (100%)

Green (36%)

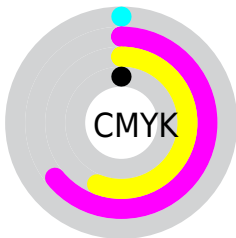
Blue (44%)



Red (100%)

Yellow (36%)

Blue (44%)

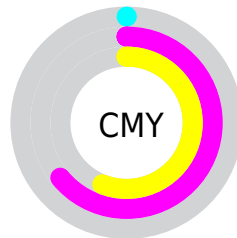


Cyan (0%)

Magenta (64%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (64%)

Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 67.621, 20.226 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, 67.621, 20.226 by changing the saturation by 10% instead.

 62, 67.621, 20.226

 62, 67.621, 20.226

 100, 67.621,
20.226

 52, 67.621, 20.226

 82, 67.621, 20.226

 42, 67.621, 20.226

 92, 67.621, 20.226

 32, 67.621, 20.226

 22, 67.621, 20.226

 12, 67.621, 20.226

 2, 67.621, 20.226

 0, 67.621, 20.226

 62, 67.621, 20.226

 62, 67.621, 20.226

 58, 77.357, 23.692

 66, 56.165, 17.211

■ 55, 86.648, 28.053

■ 72, 44.994, 14.960

■ 54, 94.682, 32.859

■ 78, 33.933, 13.187

■ 53, 98.912, 35.623

■ 84, 23.242, 11.769

■ 91, 13.073, 10.606

■ 97, 3.492, 9.532

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, 67.621, 20.226



92, 46.680, 183.727

Rectangle

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



62, 67.621, 20.226



62, 67.621, 70.226



62, 67.621, 200.226



62, 67.621, 250.226

Sweetspot

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



62, 67.086, 20.081



87, 18.284, 11.184



64, 93.588, 323.386



45, 12.693, 11.526



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, 67.086, 20.081



57, 80.444, 25.009



73, 57.969, 54.724



50, 5.311, 10.157



40, 78.916, 34.789



10, 32.457, 22.211

Inverse Universe

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



62, 67.086, 20.081



57, 80.444, 25.009



75, 40.134, 252.198



50, 5.311, 10.157



40, 78.916, 34.789



10, 32.457, 22.211

Previews

White Background



This preview shows how the CIELCh color 62, 67.621, 20.226 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, 67.621, 20.226 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, 67.621, 20.226

Background



This preview shows how black text looks on a background with the CIELCh color 62, 67.621, 20.226.

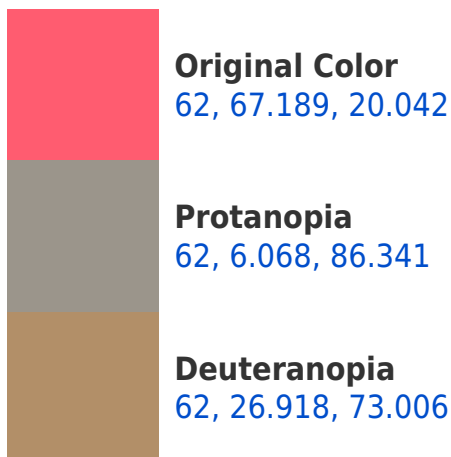


This preview shows how white text looks on a background with the CIELCh color 62, 67.621, 20.226.

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](#).

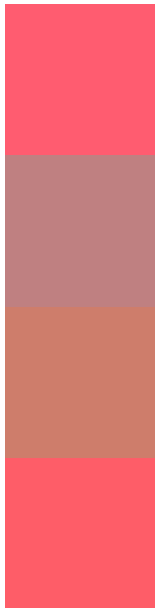
Dichromacy





Tritanopia
62, 68.036, 25.946

Trichromacy



Original Color
62, 67.189, 20.042

Protanomaly
60, 26.276, 21.063

Deuteranomaly
61, 37.517, 38.170

Tritanomaly
62, 67.636, 23.877

Monochromacy



Original Color
62, 67.189, 20.042

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 24.535, 13.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 67.621, 20.226 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, 92, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 92, 112)  
}
```

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, 92, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 92, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 67.621, 20.226 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, 92, 112) }
```

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

```
.border{ border-color:rgb(255, 92, 112) }
```

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

Here you see how a box with a 4 pixel rgb(255, 92, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 92, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 92, 112);  
box-shadow:4px 4px 4px 4px rgb(255, 92,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 67.621, 20.226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 92, 112) }
```

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

```
.background{ background-color: rgb(255, 92,  
112) }
```

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