

Converting Colors

CIELCh(62, 69.020, 357.237)

Have a look what the booklet for
CIELCh(62, 69.020, 357.237)
contains.

CIELCh(62, 68.887, 357.253)	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, 68.887, 357.253)

Conversions

Conversions Part 1

Format	Color
Hex	FE579E
RGB	254, 87, 158
RGB Percent	100%, 34%, 62%
CMY	0.0034, 0.6583, 0.3800
CMYK	0.00, 0.66, 0.38, 0.00
HSL	334°, 99%, 67%
HSV	334°, 66%, 100%
XYZ	50.5174, 30.4025, 35.6015
YIQ	145.0270, 76.7410, 57.4850

Conversions

Conversions Part 2

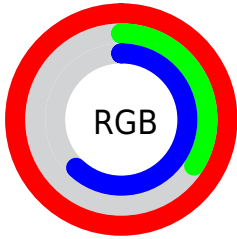
Format	Color
RYB	254, 87, 158
Decimal	16668574
CIELab	62.00, 68.81, -3.30
CIElCh	62, 68.887, 357.253
Yxy	30.4025, 0.4335, 0.2609
Android (android.graphics.Color)	4294858654 (0xFFFE579E)
YUV	145.0270, 6.3957, 95.5693
Hunter-Lab	55.1385, 67.0477, 0.3149

Details

The CIELCh color **62, 68.887, 357.253** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **90, 62.813, 159.919**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 51.806, 342.157**, and **42, 69.004, 357.280** is the 20% darker color. If you saturate the color by 10%, you get **59, 75.936, 0.080**, and if you desaturate by 10%, it is **66, 60.020, 355.017**.

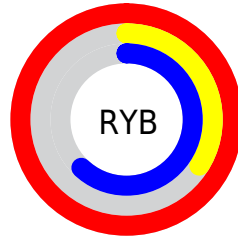
Distribution



Red (100%)

Green (34%)

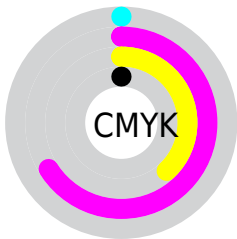
Blue (62%)



Red (100%)

Yellow (34%)

Blue (62%)

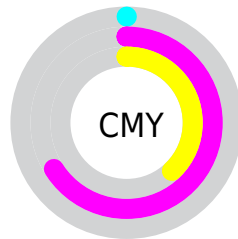


Cyan (0%)

Magenta (66%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (66%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 68.887, 357.253 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, 68.887, 357.253 by changing the saturation by 10% instead.


 62, 68.887,
357.253


 62, 68.887,
357.253


 100, 68.887,
357.253


 52, 68.887,
357.253


 82, 68.887,
357.253

 42, 68.887,
357.253

 92, 68.887,
357.253

 32, 68.887,
357.253

 22, 68.887,
357.253

 12, 68.887,
357.253

 2, 68.887, 357.253

 0, 68.887, 357.253

62, 68.887,
357.253

62, 68.887,
357.253

59, 75.936, 0.080

66, 60.020,
355.017

56, 80.806, 3.678

71, 49.902,
353.211

55, 83.560, 8.195

54, 84.411, 10.336

77, 39.076,
351.715

83, 27.975,
350.445

89, 16.906,
349.338

96, 6.060, 348.319

100, 0.304,
201.568

Harmonies

Complementary

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



62, 68.887, 357.253



90, 62.813, 159.919

Rectangle

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



62, 68.887, 357.253



62, 68.887, 47.253



62, 68.887, 177.253



62, 68.887, 227.253

Sweetspot

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



62, 68.883, 357.254



87, 21.693, 349.797



56, 94.721, 314.236



45, 14.845, 350.110



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, 68.883, 357.254



58, 77.996, 1.173



62, 69.692, 32.664



50, 6.081, 348.706



41, 68.090, 9.372



10, 31.370, 2.672

Inverse Universe

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



62, 68.883, 357.254



58, 77.996, 1.173



89, 40.830, 205.196



50, 6.081, 348.706



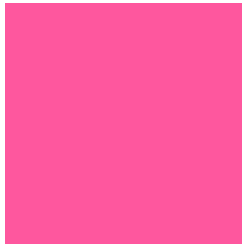
41, 68.090, 9.372



10, 31.370, 2.672

Previews

White Background



This preview shows how the CIELCh color 62, 68.887, 357.253 looks on a white background.

Color Contrast Check

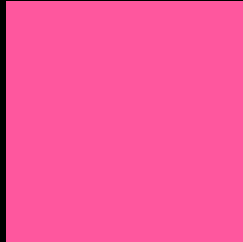
Large Text (above 18pt) WCAG AA × Fail

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, 68.887, 357.253 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, 68.887, 357.253

Background



This preview shows how black text looks on a background with the CIELCh color 62, 68.887, 357.253.

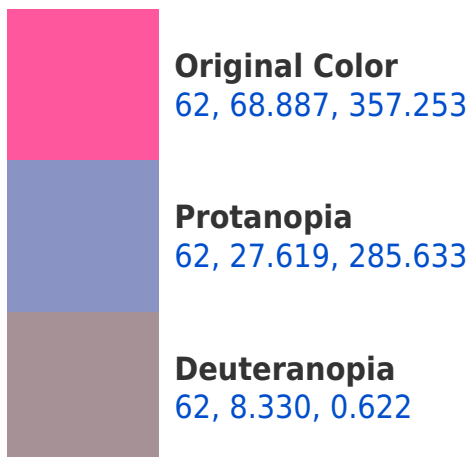


This preview shows how white text looks on a background with the CIELCh color 62, 68.887, 357.253.

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, 64.101, 25.009

Trichromacy



Original Color
62, 68.887, 357.253



Protanomaly
60, 37.453, 324.590



Deuteranomaly
60, 32.538, 353.621



Tritanomaly
62, 63.618, 14.631

Monochromacy



Original Color
62, 68.887, 357.253



Achromatopsia
60, 0.008, 296.813



Achromatomaly
59, 27.863, 351.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 68.887, 357.253 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(254, 87, 158)` looks like.

```
.text, #text, p{  
    color:rgb(254, 87, 158)  
}
```

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(254, 87, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 87, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 68.887, 357.253 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(254, 87, 158) }
```

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

```
.border{ border-color:rgb(254, 87, 158) }
```

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

Here you see how a box with a 4 pixel rgb(254, 87, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 87, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 87, 158);  
box-shadow:4px 4px 4px 4px rgb(254, 87,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 68.887, 357.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 87, 158) }
```

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

```
.background{ background-color: rgb(254, 87,  
158) }
```

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