

Converting Colors

CIELCh(62, 69.396, 356.726)

Have a look what the booklet for
CIELCh(62, 69.396, 356.726)
contains.

CIELCh(62, 69.408, 356.664)	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, 69.408, 356.664)

Conversions

Conversions Part 1

Format	Color
Hex	FE569F
RGB	254, 86, 159
RGB Percent	100%, 34%, 62%
CMY	0.0021, 0.6609, 0.3749
CMYK	0.00, 0.66, 0.37, 0.00
HSL	334°, 99%, 67%
HSV	334°, 66%, 100%
XYZ	50.6982, 30.4025, 36.1762
YIQ	144.5540, 76.6950, 58.3190

Conversions

Conversions Part 2

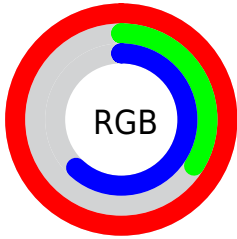
Format	Color
R _Y B	254, 86, 159
Decimal	16668319
CIE Lab	62.00, 69.29, -4.04
CIE LCh	62, 69.408, 356.664
Yxy	30.4025, 0.4323, 0.2592
Android (android.graphics.Color)	4294858399 (0xFFFE569F)
YUV	144.5540, 7.1219, 95.9841
Hunter-Lab	55.1385, 67.6329, -0.3031

Details

The CIELCh color **62, 69.408, 356.664** 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, 63.660, 159.336**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 52.976, 341.084**, and **42, 69.523, 356.658** is the 20% darker color. If you saturate the color by 10%, you get **59, 76.359, 359.459**, and if you desaturate by 10%, it is **66, 60.594, 354.453**.

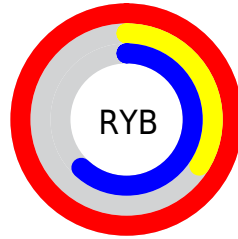
Distribution



Red (100%)

Green (34%)

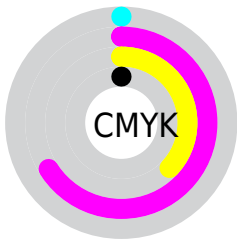
Blue (62%)



Red (100%)

Yellow (34%)

Blue (62%)

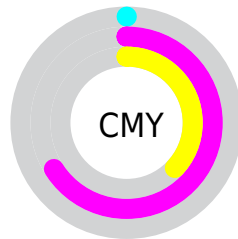


Cyan (0%)

Magenta (66%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (66%)

Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 69.408, 356.664 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, 69.408, 356.664 by changing the saturation by 10% instead.


 62, 69.408,
356.664


 62, 69.408,
356.664


 100, 69.408,
356.664

 52, 69.408,
356.664

 82, 69.408,
356.664

 42, 69.408,
356.664

 92, 69.408,
356.664

 32, 69.408,
356.664

 22, 69.408,
356.664

 12, 69.408,
356.664

 2, 69.408, 356.664

 0, 69.408, 356.664

62, 69.408,
356.664

62, 69.408,
356.664

59, 76.359,
359.459

66, 60.594,
354.453

56, 81.088, 3.014

71, 50.489,
352.664

55, 83.671, 7.481

77, 39.641,
351.181

54, 84.407, 9.437

83, 28.493,
349.921

89, 17.358,
348.821

96, 6.434, 347.810

100, 0.187,
202.946

Harmonies

Complementary

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



62, 69.408, 356.664



90, 63.660, 159.336

Rectangle

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



62, 69.408, 356.664



62, 69.408, 46.664



62, 69.408, 176.664



62, 69.408, 226.664

Sweetspot

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



62, 69.404, 356.665



87, 21.808, 349.243



56, 95.232, 313.762



45, 14.923, 349.553



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, 69.404, 356.665



58, 78.137, 0.432



62, 70.854, 31.860



50, 6.115, 348.162



41, 68.040, 8.484



10, 31.408, 1.908

Inverse Universe

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



62, 69.404, 356.665



58, 78.137, 0.432



89, 41.657, 202.965



50, 6.115, 348.162



41, 68.040, 8.484



10, 31.408, 1.908

Previews

White Background



This preview shows how the CIELCh color 62, 69.408, 356.664 looks on a white background.

Color Contrast Check

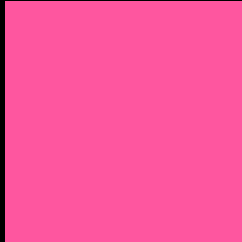
Large Text (above 18pt) WCAG AA × Fail

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, 69.408, 356.664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

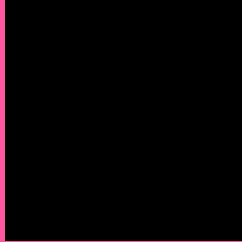
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 69.408, 356.664

Background



This preview shows how black text looks on a background with the CIELCh color 62, 69.408, 356.664.

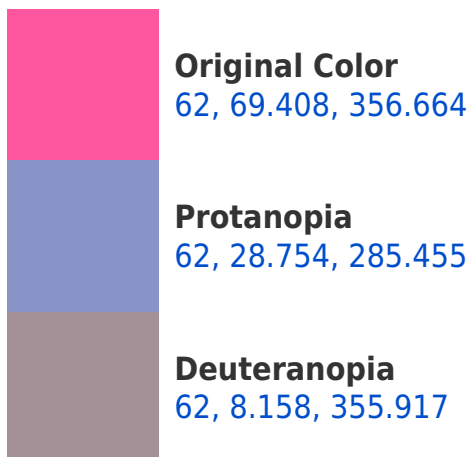


This preview shows how white text looks on a background with the CIELCh color 62, 69.408, 356.664.

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](#).

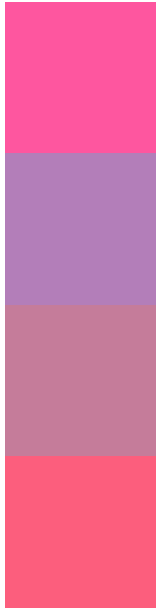
Dichromacy





Tritanopia
62, 64.500, 25.077

Trichromacy



Original Color
62, 69.408, 356.664

Protanomaly
60, 38.209, 323.181

Deuteranomaly
60, 32.751, 352.728

Tritanomaly
62, 64.275, 14.005

Monochromacy



Original Color
62, 69.408, 356.664

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, 69.408, 356.664 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, 86, 159)` looks like.

```
.text, #text, p{  
    color:rgb(254, 86, 159)  
}
```

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, 86, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 86, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 69.408, 356.664 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, 86, 159) }
```

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

```
.border{ border-color:rgb(254, 86, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 86, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 86, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 86, 159);  
box-shadow:4px 4px 4px 4px rgb(254, 86,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 69.408, 356.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 86, 159) }
```

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

```
.background{ background-color: rgb(254, 86,  
159) }
```

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