

# Converting Colors

CIELCh(62, 69.294, 355.943)

Have a look what the booklet for  
CIELCh(62, 69.294, 355.943)  
contains.

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**Color**

**CIELCh(62, 69.294, 355.943)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FE57A1
RGB	254, 87, 161
RGB Percent	100%, 34%, 63%
CMY	0.0045, 0.6594, 0.3691
CMYK	0.00, 0.66, 0.37, 0.00
HSL	333°, 99%, 67%
HSV	333°, 66%, 100%
XYZ	50.6344, 30.4025, 36.8570
YIQ	145.3690, 75.7780, 58.4180

# Conversions

## Conversions Part 2

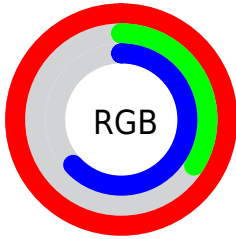
Format	Color
R <sub>Y</sub> B	254, 87, 161
Decimal	16668577
CIE Lab	62.00, 69.12, -4.90
CIE LCh	62, 69.294, 355.943
Yxy	30.4025, 0.4295, 0.2579
Android (android.graphics.Color)	4294858657 (0xFFFE57A1)
YUV	145.3690, 7.7061, 95.2694
Hunter-Lab	55.1385, 67.4266, -1.0351

# Details

The CIELCh color **62, 69.294, 355.943** 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, 63.905, 158.862**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 53.022, 340.298**, and **42, 69.370, 355.860** is the 20% darker color. If you saturate the color by 10%, you get **59, 76.246, 358.666**, and if you desaturate by 10%, it is **66, 60.469, 353.784**.

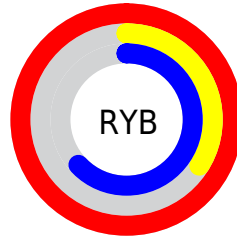
# Distribution



Red (100%)

Green (34%)

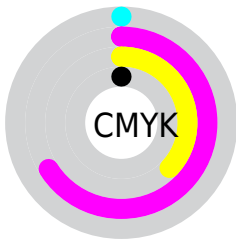
Blue (63%)



Red (100%)

Yellow (34%)

Blue (63%)

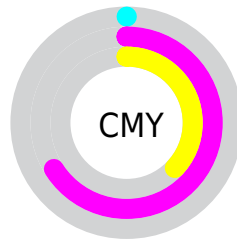


Cyan (0%)

Magenta (66%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (66%)


Yellow (37%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 69.294, 355.943 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, 69.294, 355.943 by changing the saturation by 10% instead.





 62, 69.294,  
355.943


 62, 69.294,  
355.943


 100, 69.294,  
355.943


 52, 69.294,  
355.943


 82, 69.294,  
355.943

 42, 69.294,  
355.943

 92, 69.294,  
355.943

 32, 69.294,  
355.943

 22, 69.294,  
355.943

 12, 69.294,  
355.943

 2, 69.294, 355.943

 0, 69.294, 355.943

62, 69.294,  
355.943

62, 69.294,  
355.943

59, 76.246,  
358.666

66, 60.469,  
353.784

56, 80.953, 2.130

71, 50.350,  
352.034

55, 83.469, 6.491

77, 39.484,  
350.579

54, 84.188, 8.529

83, 28.314,  
349.339

89, 17.154,  
348.253

96, 6.200, 347.252

100, 0.401,  
201.034

# Harmonies

# Complementary

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



62, 69.294, 355.943



90, 63.905, 158.862

# Rectangle

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



62, 69.294, 355.943



62, 69.294, 45.943



62, 69.294, 175.943



62, 69.294, 225.943

# Sweetspot

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



62, 69.290, 355.944



87, 21.925, 348.696



56, 94.738, 313.756



45, 15.001, 349.003



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, 69.290, 355.944



58, 78.293, 359.697



62, 70.422, 31.797



50, 6.150, 347.625



41, 68.009, 7.599



10, 31.451, 1.150





# Inverse Universe

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



62, 69.290, 355.944



58, 78.293, 359.697



89, 41.499, 202.958



50, 6.150, 347.625



41, 68.009, 7.599



10, 31.451, 1.150



# Previews

## White Background



This preview shows how the CIELCh color 62, 69.294, 355.943 looks on a white background.

## Color Contrast Check

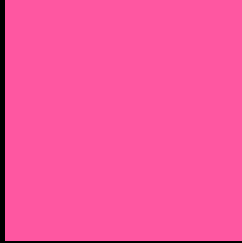
Large Text (above 18pt) WCAG AA × Fail

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, 69.294, 355.943 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

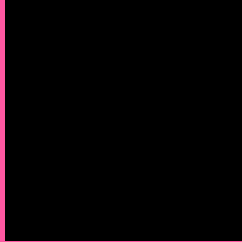
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 62, 69.294, 355.943

## Background



This preview shows how black text looks on a background with the CIELCh color 62, 69.294, 355.943.

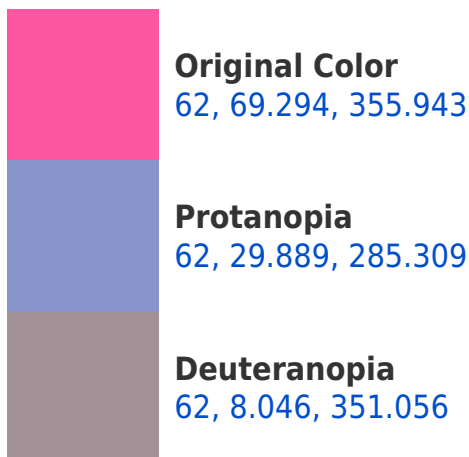


This preview shows how white text looks on a background with the CIELCh color 62, 69.294, 355.943.

# 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

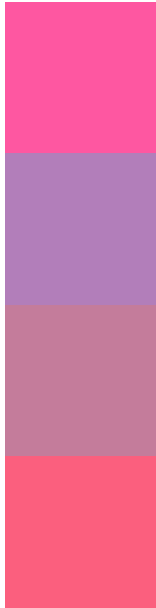




**Tritanopia**  
62, 63.631, 24.876



# Trichromacy



**Original Color**  
62, 69.294, 355.943

**Protanomaly**  
60, 38.521, 322.252

**Deuteranomaly**  
60, 32.646, 351.427

**Tritanomaly**  
62, 63.511, 13.637

# Monochromacy



**Original Color**  
62, 69.294, 355.943

**Achromatopsia**  
60, 0.008, 296.813

**Achromatomaly**  
59, 28.106, 350.168

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 62, 69.294, 355.943 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(254, 87, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 87, 161) }
```

## Border

The CSS property to change the border of an element to CIELCh 62, 69.294, 355.943 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, 161) }
```

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

```
.border{ border-color:rgb(254, 87, 161) }
```

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, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 87, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 87, 161);  
box-shadow:4px 4px 4px 4px rgb(254, 87,  
161) }
```

# Background

The CSS property to change the background color of an element to CIELCh 62, 69.294, 355.943 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, 161) }
```

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

```
.background{ background-color: rgb(254, 87,  
161) }
```

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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