

Converting Colors

CIELCh(62, 69.770, 358.794)

Have a look what the booklet for
CIELCh(62, 69.770, 358.794)
contains.

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Color

CIELCh(62, 69.563, 358.485)

Conversions

Conversions Part 1

Format	Color
Hex	FF569C
RGB	255, 86, 156
RGB Percent	100%, 34%, 61%
CMY	0.0000, 0.6638, 0.3897
CMYK	0.00, 0.66, 0.39, 0.00
HSL	335°, 100%, 67%
HSV	335°, 66%, 100%
XYZ	50.7914, 30.4025, 34.4800
YIQ	144.5110, 78.2540, 57.5980

Conversions

Conversions Part 2

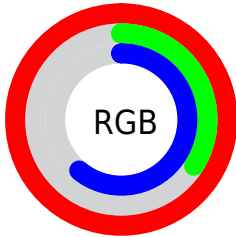
Format	Color
R _Y B	255, 86, 156
Decimal	16733852
CIE Lab	62.00, 69.54, -1.84
CIE LCh	62, 69.563, 358.485
Yxy	30.4025, 0.4391, 0.2628
Android (android.graphics.Color)	4294923932 (0xFFFF569C)
YUV	144.5110, 5.6641, 96.8989
Hunter-Lab	55.1385, 67.9346, 1.5209

Details

The CIELCh color **62, 69.563, 358.485** 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, 62.746, 160.517**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 51.788, 342.968**, and **42, 69.187, 358.085** is the 20% darker color. If you saturate the color by 10%, you get **58, 76.348, 1.267**, and if you desaturate by 10%, it is **66, 60.547, 355.997**.

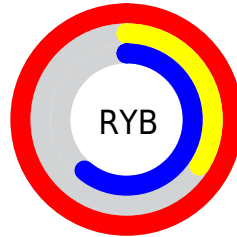
Distribution



Red (100%)

Green (34%)

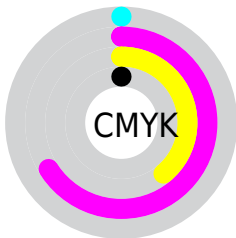
Blue (61%)



Red (100%)

Yellow (34%)

Blue (61%)

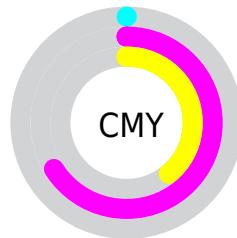


Cyan (0%)

Magenta (66%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (66%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 69.563, 358.485 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, 69.563, 358.485 by changing the saturation by 10% instead.

 62, 69.563,
358.485


 62, 69.563,
358.485


 100, 69.563,
358.485


 52, 69.563,
358.485


 82, 69.563,
358.485

 42, 69.563,
358.485

 92, 69.563,
358.485

 32, 69.563,
358.485

 22, 69.563,
358.485

 12, 69.563,
358.485

 2, 69.563, 358.485

 0, 69.563, 358.485

62, 69.563,
358.485

62, 69.563,
358.485

58, 76.348, 1.267

66, 60.547,
355.997

56, 81.187, 5.015

71, 50.473,
354.126

55, 83.989, 9.700

54, 84.790, 11.546

77, 39.679,
352.584

83, 28.603,
351.281

89, 17.557,
350.150

96, 6.736, 349.119

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, 69.563, 358.485



90, 62.746, 160.517

Rectangle

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



62, 69.563, 358.485



62, 69.563, 48.485



62, 69.563, 178.485



62, 69.563, 228.485

Sweetspot

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



62, 69.354, 358.323



87, 21.543, 350.543



56, 95.816, 314.736



45, 14.745, 350.861



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, 69.354, 358.323



57, 78.357, 2.523



63, 69.992, 33.731



50, 6.035, 349.440



41, 68.186, 10.552



10, 31.330, 3.694

Inverse Universe

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



62, 69.354, 358.323



57, 78.357, 2.523



88, 40.522, 207.560



50, 6.035, 349.440



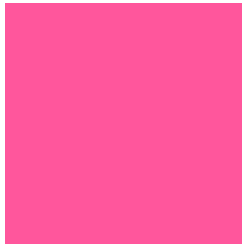
41, 68.186, 10.552



10, 31.330, 3.694

Previews

White Background



This preview shows how the CIELCh color 62, 69.563, 358.485 looks on a white background.

Color Contrast Check

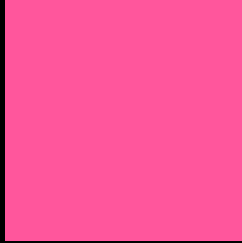
Large Text (above 18pt) WCAG AA × Fail

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, 69.563, 358.485 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, 69.563, 358.485

Background



This preview shows how black text looks on a background with the CIELCh color 62, 69.563, 358.485.



This preview shows how white text looks on a background with the CIELCh color 62, 69.563, 358.485.

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



Original Color

62, 69.298, 358.201

Protanopia

62, 26.517, 285.156

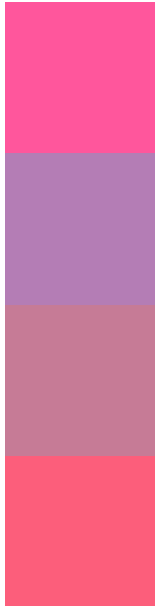
Deuteranopia

62, 7.976, 12.111



Tritanopia
62, 64.970, 25.210

Trichromacy



Original Color
62, 69.298, 358.201

Protanomaly
60, 37.208, 325.585

Deuteranomaly
60, 32.865, 356.238

Tritanomaly
62, 64.392, 14.987

Monochromacy



Original Color
62, 69.298, 358.201

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 27.659, 352.251

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 69.563, 358.485 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, 86, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 86, 156)  
}
```

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, 86, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 86, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 69.563, 358.485 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, 86, 156) }
```

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

```
.border{ border-color:rgb(255, 86, 156) }
```

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

Here you see how a box with a 4 pixel rgb(255, 86, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 86, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 86, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 86,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 69.563, 358.485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 86, 156) }
```

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

```
.background{ background-color: rgb(255, 86,  
156) }
```

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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