

Converting Colors

CIELCh(62, 69.408, 0.364)

Have a look what the booklet for
CIELCh(62, 69.408, 0.364) contains.

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Color

CIELCh(62, 68.865, 359.977)

Conversions

Conversions Part 1

Format	Color
Hex	FF5798
RGB	255, 87, 152
RGB Percent	100%, 34%, 60%
CMY	0.0000, 0.6605, 0.4020
CMYK	0.00, 0.66, 0.40, 0.00
HSL	337°, 100%, 67%
HSV	337°, 66%, 100%
XYZ	50.5388, 30.4025, 33.1236
YIQ	144.6420, 79.2630, 55.8310

Conversions

Conversions Part 2

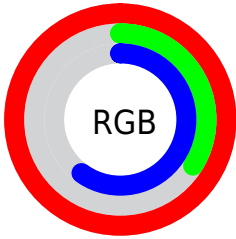
Format	Color
R _Y B	255, 87, 152
Decimal	16734104
CIE Lab	62.00, 68.86, -0.03
CIE LCh	62, 68.865, 359.977
Yxy	30.4025, 0.4431, 0.2665
Android (android.graphics.Color)	4294924184 (0xFFFF5798)
YUV	144.6420, 3.6275, 96.7840
Hunter-Lab	55.1385, 67.1169, 2.9794

Details

The CIELCh color **62, 68.865, 359.977** 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, 61.222, 161.887**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 50.105, 345.130**, and **42, 68.423, 0.184** is the 20% darker color. If you saturate the color by 10%, you get **58, 75.877, 2.897**, and if you desaturate by 10%, it is **66, 59.783, 357.451**.

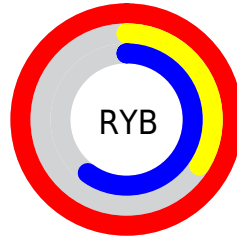
Distribution



Red (100%)

Green (34%)

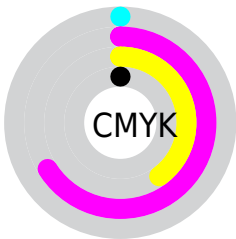
Blue (60%)



Red (100%)

Yellow (34%)

Blue (60%)

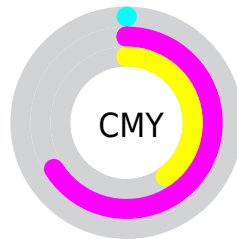


Cyan (0%)

Magenta (66%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (66%)

Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 68.865, 359.977 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, 68.865, 359.977 by changing the saturation by 10% instead.


 62, 68.865,
359.977


 62, 68.865,
359.977


 100, 68.865,
359.977


 52, 68.865,
359.977


 82, 68.865,
359.977

 42, 68.865,
359.977

 92, 68.865,
359.977

 32, 68.865,
359.977

 22, 68.865,
359.977

 12, 68.865,
359.977

 2, 68.865, 359.977

 0, 68.865, 359.977

■ 62, 68.865,
359.977

■ 62, 68.865,
359.977

■ 58, 75.877, 2.897

■ 66, 59.783,
357.451

■ 56, 80.994, 6.769

■ 71, 49.679,
355.525

■ 55, 84.162, 11.595

■ 54, 85.178, 13.672

■ 77, 38.915,
353.944

■ 83, 27.917,
352.612

■ 89, 16.984,
351.461

■ 96, 6.300, 350.412

■ 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, 68.865, 359.977



90, 61.222, 161.887

Rectangle

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



62, 68.865, 359.977



62, 68.865, 49.977



62, 68.865, 179.977



62, 68.865, 229.977

Sweetspot

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



62, 68.694, 359.852



87, 21.285, 351.898



57, 95.393, 315.218



44, 14.573, 352.223



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, 68.694, 359.852



58, 77.609, 3.947



63, 68.889, 34.607



50, 5.957, 350.774



41, 68.441, 12.648



10, 31.289, 5.525

Inverse Universe

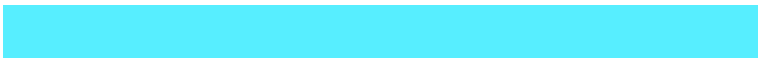
The Inverse Universe completely reimagines the original color for something new.



62, 68.694, 359.852



58, 77.609, 3.947



87, 39.851, 209.947



50, 5.957, 350.774



41, 68.441, 12.648



10, 31.289, 5.525

Previews

White Background



This preview shows how the CIELCh color 62, 68.865, 359.977 looks on a white background.

Color Contrast Check

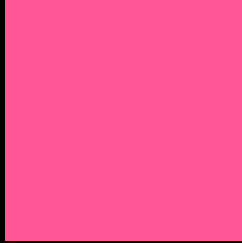
Large Text (above 18pt) WCAG AA × Fail

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, 68.865, 359.977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

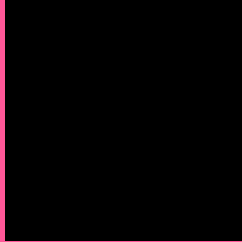
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 68.865, 359.977

Background



This preview shows how black text looks on a background with the CIELCh color 62, 68.865, 359.977.

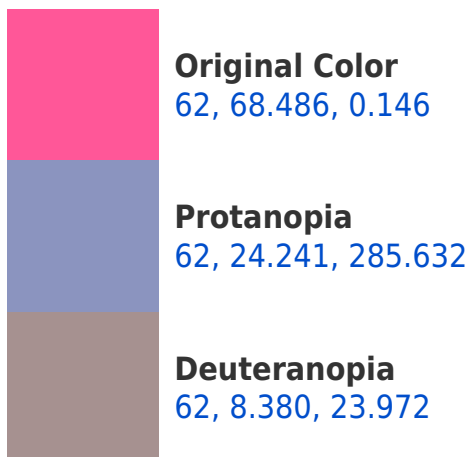


This preview shows how white text looks on a background with the CIELCh color 62, 68.865, 359.977.

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, 65.369, 25.277

Trichromacy



Original Color
62, 68.486, 0.146



Protanomaly
60, 34.969, 328.170



Deuteranomaly
60, 31.819, 359.585



Tritanomaly
62, 64.826, 15.613

Monochromacy



Original Color
62, 68.486, 0.146



Achromatopsia
60, 0.008, 296.813



Achromatomaly
58, 27.436, 353.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 68.865, 359.977 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, 87, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 87, 152)  
}
```

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, 87, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 87, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 68.865, 359.977 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, 87, 152) }
```

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

```
.border{ border-color:rgb(255, 87, 152) }
```

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

Here you see how a box with a 4 pixel rgb(255, 87, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 87, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 87, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 87,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 68.865, 359.977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 87, 152) }
```

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

```
.background{ background-color: rgb(255, 87,  
152) }
```

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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