

Converting Colors

CIELCh(62, 72.976, 351.186)

Have a look what the booklet for
CIELCh(62, 72.976, 351.186)
contains.

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Color

CIELCh(62, 72.947, 351.111)

Conversions

Conversions Part 1

Format	Color
Hex	FF53AC
RGB	255, 83, 172
RGB Percent	100%, 33%, 67%
CMY	0.0002, 0.6747, 0.3257
CMYK	0.00, 0.67, 0.33, 0.00
HSL	329°, 100%, 66%
HSV	329°, 67%, 100%
XYZ	51.7482, 30.4025, 42.1441
YIQ	144.5740, 73.9430, 64.1430

Conversions

Conversions Part 2

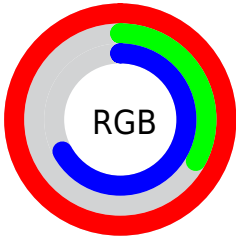
Format	Color
R _Y B	255, 83, 172
Decimal	16733100
CIE Lab	62.00, 72.07, -11.27
CIE LCh	62, 72.947, 351.111
Yxy	30.4025, 0.4163, 0.2446
Android (android.graphics.Color)	4294923180 (0xFFFF53AC)
YUV	144.5740, 13.5210, 96.8436
Hunter-Lab	55.1385, 71.0324, -6.7203

Details

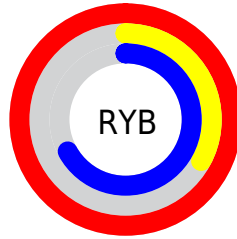
The CIELCh color **62, 72.947, 351.111** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **90, 70.114, 154.628**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 58.387, 335.483**, and **42, 71.714, 351.425** is the 20% darker color. If you saturate the color by 10%, you get **59, 79.334, 353.472**, and if you desaturate by 10%, it is **66, 64.399, 349.220**.

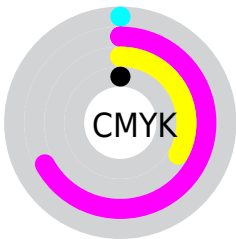
Distribution



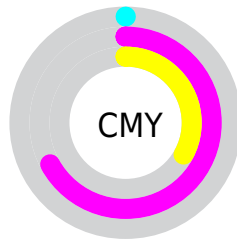
- Red (100%)
- Green (33%)
- Blue (67%)



- Red (100%)
- Yellow (33%)
- Blue (67%)



- Cyan (0%)
- Magenta (67%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (67%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 72.947, 351.111 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, 72.947, 351.111 by changing the saturation by 10% instead.


 62, 72.947,
351.111


 62, 72.947,
351.111


 100, 72.947,
351.111


 52, 72.947,
351.111


 82, 72.947,
351.111

 42, 72.947,
351.111

 92, 72.947,
351.111

 32, 72.947,
351.111

 22, 72.947,
351.111

 12, 72.947,
351.111

 2, 72.947, 351.111

 0, 72.947, 351.111

62, 72.947,
351.111

62, 72.947,
351.111

59, 79.334,
353.472

66, 64.399,
349.220

56, 83.195,
356.461

71, 54.292,
347.665

55, 84.643, 0.219

77, 43.216,
346.353

55, 84.848, 1.251

82, 31.665,
345.216

89, 20.000,
344.208

95, 8.456, 343.280

100, 0.022,
230.710

Harmonies

Complementary

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



62, 72.947, 351.111



90, 70.114, 154.628

Rectangle

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



62, 72.947, 351.111



62, 72.947, 41.111



62, 72.947, 171.111



62, 72.947, 221.111

Sweetspot

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



62, 72.943, 351.112



87, 22.959, 344.454



53, 97.442, 311.476



45, 15.696, 344.734



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, 72.943, 351.112



58, 81.011, 354.449



60, 73.588, 27.663



50, 6.458, 343.468



41, 68.465, 0.459



10, 32.044, 355.133

Inverse Universe

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



62, 72.943, 351.112



58, 81.011, 354.449



92, 45.376, 192.841



50, 6.458, 343.468



41, 68.465, 0.459



10, 32.044, 355.133

Previews

White Background



This preview shows how the CIELCh color 62, 72.947, 351.111 looks on a white background.

Color Contrast Check

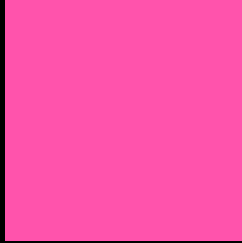
Large Text (above 18pt) WCAG AA × Fail

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, 72.947, 351.111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

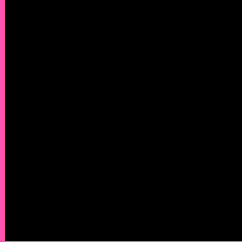
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 72.947, 351.111

Background



This preview shows how black text looks on a background with the CIELCh color 62, 72.947, 351.111.



This preview shows how white text looks on a background with the CIELCh color 62, 72.947, 351.111.

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, 72.947, 351.111

Protanopia
62, 38.887, 285.370

Deuteranopia
62, 10.781, 318.170



Tritanopia
62, 63.935, 24.539

Trichromacy



Original Color
62, 72.947, 351.111



Protanomaly
60, 46.647, 315.761



Deuteranomaly
60, 35.725, 341.438



Tritanomaly
62, 64.441, 11.281

Monochromacy



Original Color
62, 72.947, 351.111



Achromatopsia
60, 0.008, 296.813



Achromatomaly
59, 30.413, 345.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 72.947, 351.111 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, 83, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 83, 172)  
}
```

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, 83, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 83, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 72.947, 351.111 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, 83, 172) }
```

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

```
.border{ border-color:rgb(255, 83, 172) }
```

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

Here you see how a box with a 4 pixel rgb(255, 83, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 83, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 83, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 83,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 72.947, 351.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 83, 172) }
```

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

```
.background{ background-color: rgb(255, 83,  
172) }
```

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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