

Converting Colors

CIELCh(62, 71.586, 351.333)

Have a look what the booklet for
CIELCh(62, 71.586, 351.333)
contains.

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Color

CIELCh(62, 71.513, 351.261)

Conversions

Conversions Part 1

Format	Color
Hex	FD55AB
RGB	253, 85, 171
RGB Percent	99%, 33%, 67%
CMY	0.0070, 0.6658, 0.3287
CMYK	0.00, 0.66, 0.32, 0.01
HSL	329°, 98%, 66%
HSV	329°, 66%, 99%
XYZ	51.2222, 30.4025, 41.7924
YIQ	145.0360, 72.5220, 62.3620

Conversions

Conversions Part 2

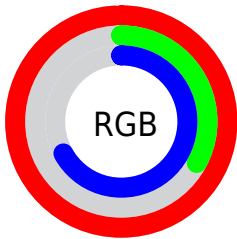
Format	Color
R _Y B	253, 85, 171
Decimal	16602539
CIE Lab	62.00, 70.68, -10.87
CIE LCh	62, 71.513, 351.261
Yxy	30.4025, 0.4150, 0.2463
Android (android.graphics.Color)	4294792619 (0xFFFD55AB)
YUV	145.0360, 12.8003, 94.6844
Hunter-Lab	55.1385, 69.3295, -6.3421

Details

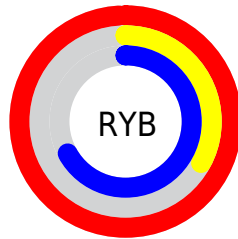
The CIELCh color **62, 71.513, 351.261** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **89, 68.448, 155.116**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 57.466, 335.930**, and **42, 71.214, 351.298** is the 20% darker color. If you saturate the color by 10%, you get **59, 78.144, 353.596**, and if you desaturate by 10%, it is **66, 62.808, 349.389**.

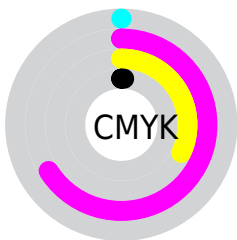
Distribution



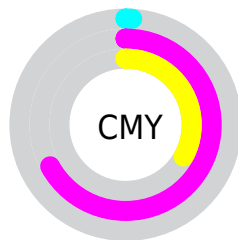
- Red (99%)
- Green (33%)
- Blue (67%)



- Red (99%)
- Yellow (33%)
- Blue (67%)



- Cyan (0%)
- Magenta (66%)
- Yellow (32%)
- Black (1%)





- Cyan (1%)
- Magenta (67%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 71.513, 351.261 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, 71.513, 351.261 by changing the saturation by 10% instead.


 62, 71.513,
351.261


 62, 71.513,
351.261


 100, 71.513,
351.261


 52, 71.513,
351.261


 82, 71.513,
351.261

 42, 71.513,
351.261


 92, 71.513,
351.261

 32, 71.513,
351.261

 22, 71.513,
351.261

 12, 71.513,
351.261

 2, 71.513, 351.261

 0, 71.513, 351.261

62, 71.513,
351.261

62, 71.513,
351.261

59, 78.144,
353.596

66, 62.808,
349.389

56, 82.304,
356.550

71, 52.634,
347.847

55, 84.020, 0.279

77, 41.568,
346.545

55, 84.329, 1.788

83, 30.084,
345.415

89, 18.524,
344.412

95, 7.109, 343.480

100, 0.619,
200.437

Harmonies

Complementary

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



62, 71.513, 351.261



89, 68.448, 155.116

Rectangle

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



62, 71.513, 351.261



62, 71.513, 41.261



62, 71.513, 171.261



62, 71.513, 221.261

Sweetspot

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



62, 71.509, 351.262



87, 22.875, 344.767



54, 95.387, 311.890



45, 15.639, 345.049



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, 71.509, 351.262



58, 80.402, 354.604



60, 72.469, 28.421



50, 6.433, 343.775



41, 68.386, 1.000



10, 31.984, 355.584

Inverse Universe

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



62, 71.509, 351.262



58, 80.402, 354.604



91, 44.321, 194.795



50, 6.433, 343.775



41, 68.386, 1.000



10, 31.984, 355.584

Previews

White Background



This preview shows how the CIELCh color 62, 71.513, 351.261 looks on a white background.

Color Contrast Check

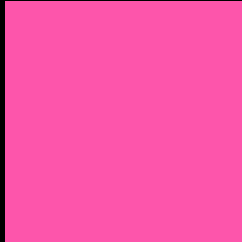
Large Text (above 18pt) WCAG AA × Fail

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, 71.513, 351.261 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, 71.513, 351.261

Background



This preview shows how black text looks on a background with the CIELCh color 62, 71.513, 351.261.



This preview shows how white text looks on a background with the CIELCh color 62, 71.513, 351.261.

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, 71.513, 351.261

Protanopia

62, 37.217, 285.159

Deuteranopia

62, 10.289, 319.598



Tritanopia
62, 62.358, 24.607

Trichromacy



Original Color
62, 71.513, 351.261



Protanomaly
60, 44.495, 316.393



Deuteranomaly
60, 34.512, 341.933



Tritanomaly
62, 63.010, 11.479

Monochromacy



Original Color
62, 71.513, 351.261



Achromatopsia
60, 0.008, 296.813



Achromatomaly
59, 29.492, 345.370

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 71.513, 351.261 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(253, 85, 171)` looks like.

```
.text, #text, p{  
    color:rgb(253, 85, 171)  
}
```

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(253, 85, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 85, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 71.513, 351.261 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(253, 85, 171) }
```

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

```
.border{ border-color:rgb(253, 85, 171) }
```

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

Here you see how a box with a 4 pixel rgb(253, 85, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 85, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 85, 171);  
box-shadow:4px 4px 4px 4px rgb(253, 85,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 71.513, 351.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 85, 171) }
```

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

```
.background{ background-color: rgb(253, 85,  
171) }
```

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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