

Converting Colors

CIELCh(62, 71.318, 353.955)

Have a look what the booklet for
CIELCh(62, 71.318, 353.955)
contains.

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Color

CIELCh(62, 71.326, 354.065)

Conversions

Conversions Part 1

Format	Color
Hex	FF54A5
RGB	255, 84, 165
RGB Percent	100%, 33%, 65%
CMY	0.0000, 0.6697, 0.3522
CMYK	0.00, 0.67, 0.35, 0.00
HSL	332°, 100%, 67%
HSV	332°, 67%, 100%
XYZ	51.3208, 30.4025, 38.8535
YIQ	144.3630, 75.9150, 61.4430

Conversions

Conversions Part 2

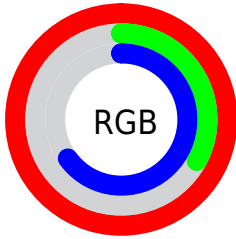
Format	Color
R _Y B	255, 84, 165
Decimal	16733349
CIE Lab	62.00, 70.94, -7.38
CIE LCh	62, 71.326, 354.065
Yxy	30.4025, 0.4256, 0.2521
Android (android.graphics.Color)	4294923429 (0xFFFF54A5)
YUV	144.3630, 10.1740, 97.0286
Hunter-Lab	55.1385, 69.6486, -3.1820

Details

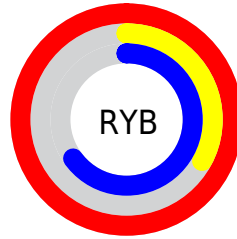
The CIELCh color **62, 71.326, 354.065** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **90, 66.966, 156.951**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 56.016, 338.247**, and **42, 70.580, 354.547** is the 20% darker color. If you saturate the color by 10%, you get **59, 77.876, 356.622**, and if you desaturate by 10%, it is **66, 62.637, 351.939**.

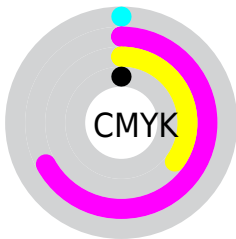
Distribution



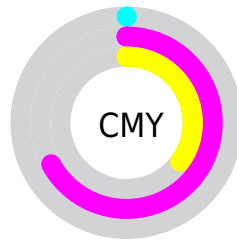
- Red (100%)
- Green (33%)
- Blue (65%)



- Red (100%)
- Yellow (33%)
- Blue (65%)



- Cyan (0%)
- Magenta (67%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (67%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 71.326, 354.065 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, 71.326, 354.065 by changing the saturation by 10% instead.


 62, 71.326,
354.065


 62, 71.326,
354.065


 100, 71.326,
354.065


 52, 71.326,
354.065


 82, 71.326,
354.065

 42, 71.326,
354.065

 92, 71.326,
354.065

 32, 71.326,
354.065

 22, 71.326,
354.065

 12, 71.326,
354.065

 2, 71.326, 354.065

 0, 71.326, 354.065

■ 62, 71.326,
354.065

■ 62, 71.326,
354.065

■ 59, 77.876,
356.622

■ 66, 62.637,
351.939

■ 56, 82.100,
359.938

■ 71, 52.564,
350.251

■ 55, 84.045, 4.109

■ 77, 41.622,
348.841

■ 55, 84.442, 5.484

■ 83, 30.286,
347.633

■ 89, 18.892,
346.572

■ 95, 7.663, 345.600

■ 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, 71.326, 354.065



90, 66.966, 156.951

Rectangle

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



62, 71.326, 354.065



62, 71.326, 44.065



62, 71.326, 174.065



62, 71.326, 224.065

Sweetspot

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



62, 71.266, 354.014



87, 22.339, 346.881



54, 96.670, 312.839



45, 15.279, 347.177



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, 71.266, 354.014



58, 79.416, 357.545



61, 73.546, 30.491



50, 6.274, 345.845



41, 68.047, 4.600



10, 31.648, 358.603

Inverse Universe

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



62, 71.266, 354.014



58, 79.416, 357.545



91, 43.573, 198.722



50, 6.274, 345.845



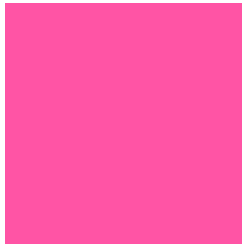
41, 68.047, 4.600



10, 31.648, 358.603

Previews

White Background



This preview shows how the CIELCh color 62, 71.326, 354.065 looks on a white background.

Color Contrast Check

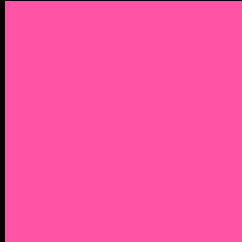
Large Text (above 18pt) WCAG AA × Fail

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, 71.326, 354.065 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, 71.326, 354.065

Background



This preview shows how black text looks on a background with the CIELCh color 62, 71.326, 354.065.

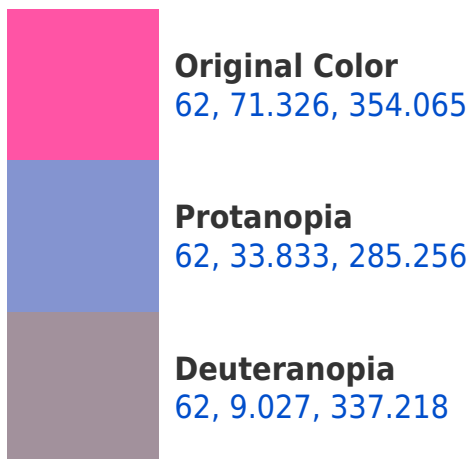


This preview shows how white text looks on a background with the CIELCh color 62, 71.326, 354.065.

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, 64.500, 25.077

Trichromacy



Original Color
62, 71.326, 354.065



Protanomaly
60, 41.899, 319.601



Deuteranomaly
60, 34.232, 347.667



Tritanomaly
62, 64.181, 13.020

Monochromacy



Original Color
62, 71.326, 354.065



Achromatopsia
60, 0.008, 296.813



Achromatomaly
59, 28.968, 348.705

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 71.326, 354.065 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, 84, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 84, 165)  
}
```

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, 84, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 84, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 71.326, 354.065 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, 84, 165) }
```

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

```
.border{ border-color:rgb(255, 84, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 84, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 84, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 84, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 84,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 71.326, 354.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 84, 165) }
```

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

```
.background{ background-color: rgb(255, 84,  
165) }
```

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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