

Converting Colors

CIELCh(63, 68.915, 353.965)

Have a look what the booklet for
CIELCh(63, 68.915, 353.965)
contains.

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Color

CIELCh(63, 69.025, 353.738)

Conversions

Conversions Part 1

Format	Color
Hex	FF5BA8
RGB	255, 91, 168
RGB Percent	100%, 36%, 66%
CMY	0.0000, 0.6429, 0.3410
CMYK	0.00, 0.64, 0.34, 0.00
HSL	332°, 100%, 68%
HSV	332°, 64%, 100%
XYZ	52.0731, 31.5869, 40.4171
YIQ	148.8140, 73.0270, 58.7150

Conversions

Conversions Part 2

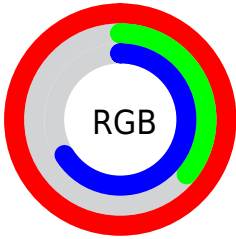
Format	Color
R _{YB}	255, 91, 168
Decimal	16735144
CIE Lab	63.00, 68.61, -7.53
CIE LCh	63, 69.025, 353.738
Yxy	31.5869, 0.4197, 0.2546
Android (android.graphics.Color)	4294925224 (0xFFFF5BA8)
YUV	148.8140, 9.4587, 93.1251
Hunter-Lab	56.2022, 67.0319, -3.2960

Details

The CIELCh color **63, 69.025, 353.738** 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, 64.557, 157.660**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 53.557, 337.547**, and **43, 69.032, 353.810** is the 20% darker color. If you saturate the color by 10%, you get **59, 76.220, 356.204**, and if you desaturate by 10%, it is **67, 59.936, 351.750**.

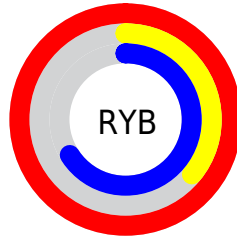
Distribution



Red (100%)

Green (36%)

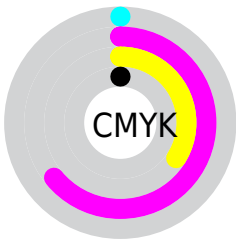
Blue (66%)



Red (100%)

Yellow (36%)

Blue (66%)

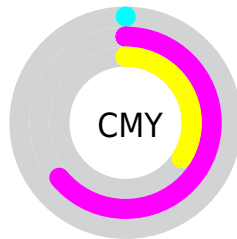


Cyan (0%)

Magenta (64%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (64%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 69.025, 353.738 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 63, 69.025, 353.738 by changing the saturation by 10% instead.


 63, 69.025,
353.738


 63, 69.025,
353.738


 100, 69.025,
353.738


 53, 69.025,
353.738


 83, 69.025,
353.738

 43, 69.025,
353.738

 93, 69.025,
353.738

 33, 69.025,
353.738

 23, 69.025,
353.738

 13, 69.025,
353.738

 3, 69.025, 353.738

 0, 69.025, 353.738

63, 69.025,
353.738

63, 69.025,
353.738

59, 76.220,
356.204

67, 59.936,
351.750

57, 81.120,
359.348

73, 49.587,
350.131

55, 83.666, 3.327

78, 38.517,
348.772

55, 84.430, 5.930

84, 27.160,
347.601

91, 15.822,
346.566

97, 4.692, 345.580

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.



63, 69.025, 353.738



90, 64.557, 157.660

Rectangle

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



63, 69.025, 353.738



63, 69.025, 43.738



63, 69.025, 173.738



63, 69.025, 223.738

Sweetspot

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



63, 69.010, 353.728



88, 21.142, 347.039



56, 93.146, 312.757



45, 14.591, 347.338



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63, 69.010, 353.728



59, 77.786, 356.982



62, 70.295, 29.714



50, 6.256, 346.101



41, 68.028, 5.037



10, 31.615, 358.972

Inverse Universe

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



63, 69.010, 353.728



59, 77.786, 356.982



91, 42.639, 198.738



50, 6.256, 346.101



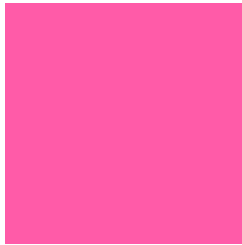
41, 68.028, 5.037



10, 31.615, 358.972

Previews

White Background



This preview shows how the CIELCh color 63, 69.025, 353.738 looks on a white background.

Color Contrast Check

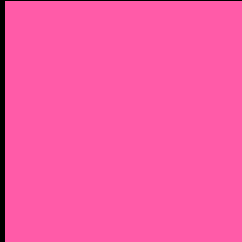
Large Text (above 18pt) WCAG AA × Fail

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 63, 69.025, 353.738 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 63, 69.025, 353.738

Background



This preview shows how black text looks on a background with the CIELCh color 63, 69.025, 353.738.



This preview shows how white text looks on a background with the CIELCh color 63, 69.025, 353.738.

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

63, 69.025, 353.738

Protanopia

63, 32.044, 285.010

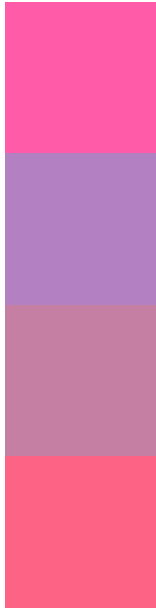
Deuteranopia

63, 9.118, 332.931



Tritanopia
63, 61.991, 23.935

Trichromacy



Original Color
63, 69.025, 353.738

Protanomaly
61, 40.024, 319.687

Deuteranomaly
61, 33.206, 346.239

Tritanomaly
63, 62.201, 11.893

Monochromacy



Original Color
63, 69.025, 353.738

Achromatopsia
62, 0.008, 296.813

Achromatomaly
60, 27.921, 348.582

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 69.025, 353.738 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, 91, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 91, 168)  
}
```

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, 91, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 91, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 69.025, 353.738 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, 91, 168) }
```

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

```
.border{ border-color:rgb(255, 91, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 91, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 91, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 91, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 91,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 69.025, 353.738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 91, 168) }
```

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

```
.background{ background-color: rgb(255, 91,  
168) }
```

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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