

Converting Colors

CIELCh(82, 89.205, 355.111)

Have a look what the booklet for
CIELCh(82, 89.205, 355.111)
contains.

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Color

CIELCh(69, 70.537, 336.177)

Conversions

Conversions Part 1

Format	Color
Hex	FF75DD
RGB	255, 117, 221
RGB Percent	100%, 46%, 87%
CMY	0.0000, 0.5400, 0.1322
CMYK	0.00, 0.54, 0.13, 0.00
HSL	315°, 100%, 73%
HSV	315°, 54%, 100%
XYZ	60.8383, 39.3444, 72.9963
YIQ	170.1180, 48.8640, 61.6000

Conversions

Conversions Part 2

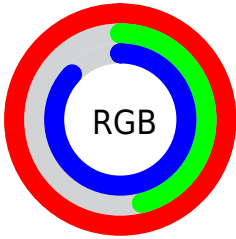
Format	Color
R _Y B	255, 117, 221
Decimal	16741853
CIE Lab	69.00, 64.53, -28.49
CIE LCh	69, 70.537, 336.177
Yxy	39.3444, 0.3513, 0.2272
Android (android.graphics.Color)	4294931933 (0xFFFF75DD)
YUV	170.1180, 25.0848, 74.4415
Hunter-Lab	62.7251, 63.3617, -25.0911

Details

The CIELCh color $69, 70.537, 336.177$ is a light color, and the websafe version is hex FF66CC . A complement of this color would be $91, 70.658, 146.951$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $81, 50.659, 326.174$, and $49, 70.542, 335.944$ is the 20% darker color. If you saturate the color by 10%, you get $65, 80.601, 336.991$, and if you desaturate by 10%, it is $74, 58.690, 335.272$.

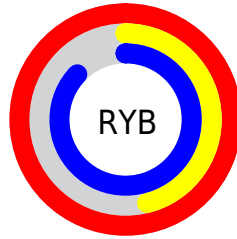
Distribution



Red (100%)

Green (46%)

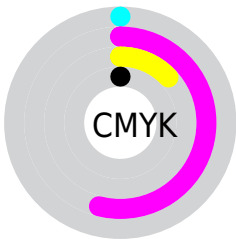
Blue (87%)



Red (100%)

Yellow (46%)

Blue (87%)

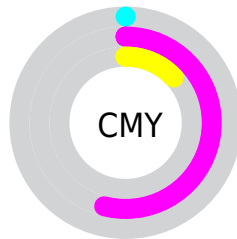


Cyan (0%)

Magenta (54%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 70.537, 336.177 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 69, 70.537, 336.177 by changing the saturation by 10% instead.


 69, 70.537,
336.177


 69, 70.537,
336.177


 100, 70.537,
336.177


 59, 70.537,
336.177


 89, 70.537,
336.177

 49, 70.537,
336.177

 99, 70.537,
336.177

 39, 70.537,
336.177

 29, 70.537,
336.177

 19, 70.537,
336.177

 9, 70.537, 336.177

 0, 70.537, 336.177

69, 70.537,
336.177

69, 70.537,
336.177

65, 80.601,
336.991

74, 58.690,
335.272

61, 88.406,
337.981

79, 45.841,
334.495

59, 93.387,
339.112

85, 32.439,
333.757

58, 95.382,
340.441

91, 18.859,
333.049

57, 95.475,
341.336

97, 5.354, 332.332

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.



69, 70.537, 336.177



91, 70.658, 146.951

Rectangle

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



69, 70.537, 336.177



69, 70.537, 26.177



69, 70.537, 156.177



69, 70.537, 206.177

Sweetspot

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



69, 70.482, 336.098



90, 21.573, 333.189



58, 78.083, 304.203



47, 14.578, 333.333



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 70.482, 336.098



64, 81.495, 337.085



67, 56.131, 6.198



50, 7.635, 332.736



43, 77.130, 341.050



11, 36.243, 339.140

Inverse Universe

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



69, 70.482, 336.098



64, 81.495, 337.085



92, 46.606, 172.377



50, 7.635, 332.736



43, 77.130, 341.050



11, 36.243, 339.140

Previews

White Background



This preview shows how the CIELCh color 69, 70.537, 336.177 looks on a white background.

Color Contrast Check

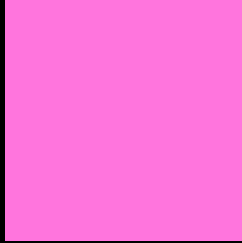
Large Text (above 18pt) WCAG AA × Fail

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 69, 70.537, 336.177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

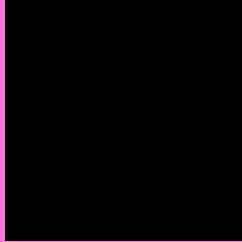
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 70.537, 336.177

Background



This preview shows how black text looks on a background with the CIELCh color 69, 70.537, 336.177.



This preview shows how white text looks on a background with the CIELCh color 69, 70.537, 336.177.

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
69, 70.537, 336.177

Protanopia
69, 49.088, 285.387

Deuteranopia
69, 26.387, 290.623

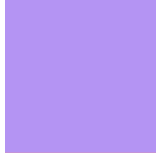


Tritanopia
69, 45.686, 17.706

Trichromacy



Original Color
69, 70.537, 336.177



Protanomaly
68, 53.494, 305.810



Deuteranomaly
68, 40.970, 317.269



Tritanomaly
69, 50.793, 357.865

Monochromacy



Original Color
69, 70.537, 336.177



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 27.809, 333.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 70.537, 336.177 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, 117, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 221)  
}
```

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, 117, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 70.537, 336.177 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, 117, 221) }
```

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

```
.border{ border-color:rgb(255, 117, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 117, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 70.537, 336.177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 221) }
```

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

```
.background{ background-color: rgb(255,  
117, 221) }
```

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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