

Converting Colors

CIELCh(69, 57.485, 336.506)

Have a look what the booklet for
CIELCh(69, 57.485, 336.506)
contains.

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Color

CIELCh(69, 57.512, 336.521)

Conversions

Conversions Part 1

Format	Color
Hex	F182D3
RGB	241, 130, 211
RGB Percent	95%, 51%, 83%
CMY	0.0551, 0.4904, 0.1727
CMYK	0.00, 0.46, 0.12, 0.06
HSL	316°, 80%, 73%
HSV	316°, 46%, 94%
XYZ	55.9852, 39.3444, 66.2387
YIQ	172.4230, 40.1550, 48.7230

Conversions

Conversions Part 2

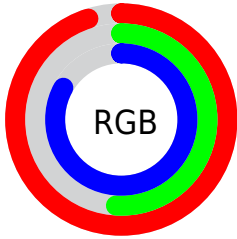
Format	Color
R _Y B	241, 130, 211
Decimal	15827667
CIE Lab	69.00, 52.75, -22.91
CIE LCh	69, 57.512, 336.521
Yxy	39.3444, 0.3465, 0.2435
Android (android.graphics.Color)	4294017747 (0xFFFF182D3)
YUV	172.4230, 19.0185, 60.1420
Hunter-Lab	62.7251, 49.5511, -18.7036

Details

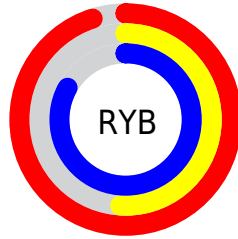
The CIELCh color $69, 57.512, 336.521$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $87, 57.162, 148.915$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $84, 43.248, 325.923$, and $49, 57.419, 336.723$ is the 20% darker color. If you saturate the color by 10%, you get $64, 68.349, 337.415$, and if you desaturate by 10%, it is $74, 45.579, 335.695$.

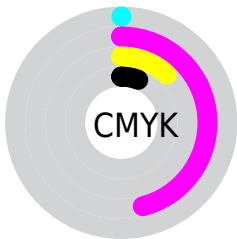
Distribution



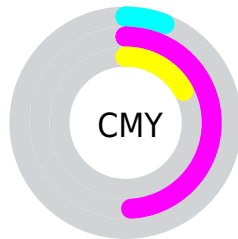
- Red (95%)
- Green (51%)
- Blue (83%)



- Red (95%)
- Yellow (51%)
- Blue (83%)



- Cyan (0%)
- Magenta (46%)
- Yellow (12%)
- Black (6%)





- Cyan (6%)
- Magenta (49%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 57.512, 336.521 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, 57.512, 336.521 by changing the saturation by 10% instead.


 69, 57.512,
336.521


 69, 57.512,
336.521


 100, 57.512,
336.521


 59, 57.512,
336.521


 89, 57.512,
336.521

 49, 57.512,
336.521


 99, 57.512,
336.521

 39, 57.512,
336.521

 29, 57.512,
336.521

 19, 57.512,
336.521

 9, 57.512, 336.521

 0, 57.512, 336.521

69, 57.512,
336.521

69, 57.512,
336.521

64, 68.349,
337.415

74, 45.579,
335.695

61, 77.504,
338.401

80, 33.057,
334.919

58, 84.372,
339.520

85, 20.318,
334.183

55, 88.512,
340.828

91, 7.618, 333.463

98, 4.877, 152.939

54, 89.849,
342.392

99, 5.530, 171.915

54, 89.902,
343.066

99, 4.841, 199.235

Harmonies

Complementary

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



69, 57.512, 336.521



87, 57.162, 148.915

Rectangle

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



69, 57.512, 336.521



69, 57.512, 26.521



69, 57.512, 156.521



69, 57.512, 206.521

Sweetspot

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



69, 57.509, 336.521



91, 18.519, 334.038



61, 62.966, 304.271



47, 12.800, 334.194



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, 57.509, 336.521



68, 70.394, 337.332



67, 45.473, 6.919



47, 7.126, 333.712



41, 73.554, 342.740



9, 32.960, 340.210

Inverse Universe

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



69, 57.509, 336.521



68, 70.394, 337.332



88, 38.018, 176.007



47, 7.126, 333.712



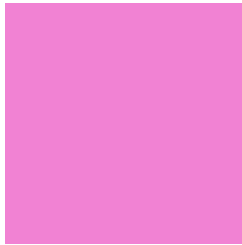
41, 73.554, 342.740



9, 32.960, 340.210

Previews

White Background



This preview shows how the CIELCh color 69, 57.512, 336.521 looks on a white background.

Color Contrast Check

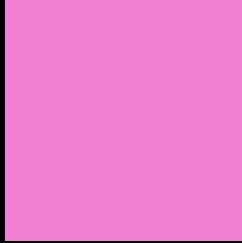
Large Text (above 18pt) WCAG AA × Fail

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, 57.512, 336.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

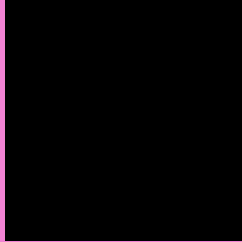
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 57.512, 336.521

Background



This preview shows how black text looks on a background with the CIELCh color 69, 57.512, 336.521.

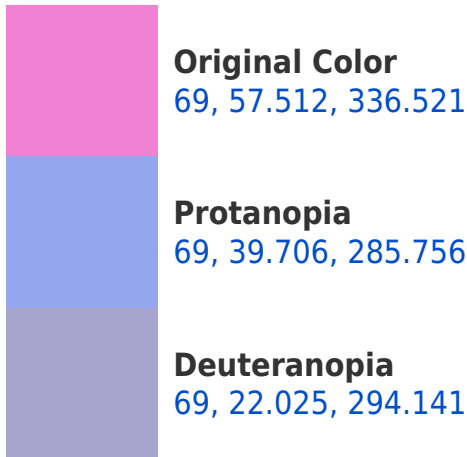


This preview shows how white text looks on a background with the CIELCh color 69, 57.512, 336.521.

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
69, 37.290, 14.242

Trichromacy



Original Color
69, 57.512, 336.521



Protanomaly
68, 42.500, 306.517



Deuteranomaly
68, 33.754, 318.863



Tritanomaly
69, 42.052, 356.672

Monochromacy



Original Color
69, 57.512, 336.521



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 21.772, 334.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 57.512, 336.521 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(241, 130, 211)` looks like.

```
.text, #text, p{  
    color:rgb(241, 130, 211)  
}
```

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(241, 130, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 130, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 57.512, 336.521 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(241, 130, 211) }
```

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

```
.border{ border-color:rgb(241, 130, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 130, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 130, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 130, 211);  
box-shadow:4px 4px 4px 4px rgb(241, 130,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 57.512, 336.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 130, 211) }
```

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

```
.background{ background-color: rgb(241,  
130, 211) }
```

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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