

Converting Colors

CIELCh(70, 69.621, 331.230)

Have a look what the booklet for
CIELCh(70, 69.621, 331.230)
contains.

CIELCh(70, 69.649, 331.200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(70, 69.649, 331.200)

Conversions

Conversions Part 1

Format	Color
Hex	F97DE9
RGB	249, 125, 233
RGB Percent	98%, 49%, 91%
CMY	0.0230, 0.5093, 0.0858
CMYK	0.00, 0.50, 0.06, 0.02
HSL	308°, 91%, 73%
HSV	308°, 50%, 98%
XYZ	61.1851, 40.7494, 81.8207
YIQ	174.3880, 39.2360, 59.8760

Conversions

Conversions Part 2

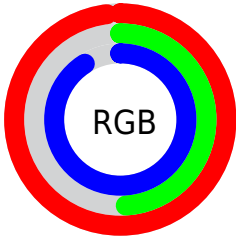
Format	Color
R _Y B	249, 125, 233
Decimal	16350697
CIE Lab	70.00, 61.03, -33.55
CIE LCh	70, 69.649, 331.200
Yxy	40.7494, 0.3330, 0.2218
Android (android.graphics.Color)	4294540777 (0xFFFF97DE9)
YUV	174.3880, 28.8957, 65.4347
Hunter-Lab	63.8353, 59.3777, -31.3101

Details

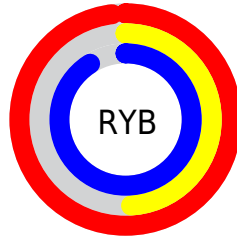
The CIELCh color **70, 69.649, 331.200** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **89, 70.048, 143.820**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 46.349, 326.028**, and **50, 69.639, 331.167** is the 20% darker color. If you saturate the color by 10%, you get **66, 81.180, 331.806**, and if you desaturate by 10%, it is **75, 56.642, 330.585**.

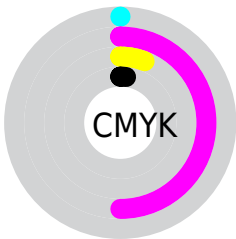
Distribution



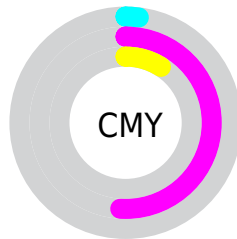
- Red (98%)
- Green (49%)
- Blue (91%)



- Red (98%)
- Yellow (49%)
- Blue (91%)



- Cyan (0%)
- Magenta (50%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (51%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 69.649, 331.200 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 70, 69.649, 331.200 by changing the saturation by 10% instead.


 70, 69.649,
331.200


 70, 69.649,
331.200


 100, 69.649,
331.200


 60, 69.649,
331.200


 90, 69.649,
331.200

 50, 69.649,
331.200

 40, 69.649,
331.200

 30, 69.649,
331.200

 20, 69.649,
331.200

 10, 69.649,
331.200

 0, 69.649, 331.200

70, 69.649,
331.200

70, 69.649,
331.200

66, 81.180,
331.806

75, 56.642,
330.585

62, 90.615,
332.403

80, 42.744,
329.966

60, 97.397,
332.998

86, 28.412,
329.346

58, 101.224,
333.609

92, 13.985,
328.728

57, 102.418,
334.252

98, 0.308, 149.270

57, 102.434,
334.267

100, 2.441,
167.020

100, 2.037,
199.601

Harmonies

Complementary

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



70, 69.649, 331.200



89, 70.048, 143.820

Rectangle

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



70, 69.649, 331.200



70, 69.649, 21.200



70, 69.649, 151.200



70, 69.649, 201.200

Sweetspot

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



70, 69.646, 331.200



91, 21.928, 329.053



59, 70.135, 300.509



47, 14.972, 329.183



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 69.646, 331.200



67, 82.946, 331.824



68, 52.397, 356.744



49, 8.151, 328.710



43, 83.282, 334.151



11, 38.161, 333.310

Inverse Universe

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



70, 69.646, 331.200



67, 82.946, 331.824



90, 47.247, 164.954



49, 8.151, 328.710



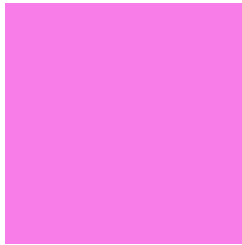
43, 83.282, 334.151



11, 38.161, 333.310

Previews

White Background



This preview shows how the CIELCh color 70, 69.649, 331.200 looks on a white background.

Color Contrast Check

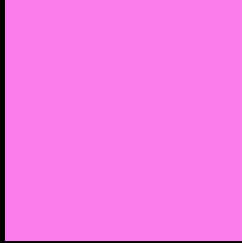
Large Text (above 18pt) WCAG AA × Fail

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 70, 69.649, 331.200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

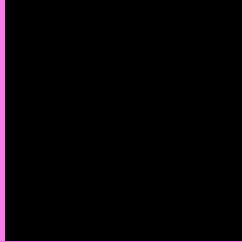
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 69.649, 331.200

Background



This preview shows how black text looks on a background with the CIELCh color 70, 69.649, 331.200.



This preview shows how white text looks on a background with the CIELCh color 70, 69.649, 331.200.

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
70, 39.243, 14.919

Trichromacy



Original Color
70, 69.649, 331.200



Protanomaly
69, 52.530, 304.481



Deuteranomaly
69, 43.831, 311.140



Tritanomaly
70, 46.716, 351.999

Monochromacy



Original Color
70, 69.649, 331.200



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 26.926, 329.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 69.649, 331.200 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(249, 125, 233)` looks like.

```
.text, #text, p{  
    color:rgb(249, 125, 233)  
}
```

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(249, 125, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 125, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 69.649, 331.200 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(249, 125, 233) }
```

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

```
.border{ border-color:rgb(249, 125, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 125, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 125, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 125, 233);  
box-shadow:4px 4px 4px 4px rgb(249, 125,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 69.649, 331.200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 125, 233) }
```

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

```
.background{ background-color: rgb(249,  
125, 233) }
```

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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