

Converting Colors

CIELCh(71, 49.993, 336.120)

Have a look what the booklet for
CIELCh(71, 49.993, 336.120)
contains.

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Color

CIELCh(71, 50.252, 336.063)

Conversions

Conversions Part 1

Format	Color
Hex	EE8ED4
RGB	238, 142, 212
RGB Percent	93%, 56%, 83%
CMY	0.0674, 0.4438, 0.1693
CMYK	0.00, 0.40, 0.11, 0.07
HSL	316°, 74%, 74%
HSV	316°, 40%, 93%
XYZ	56.7098, 42.1875, 67.3277
YIQ	178.6840, 34.7460, 42.1220

Conversions

Conversions Part 2

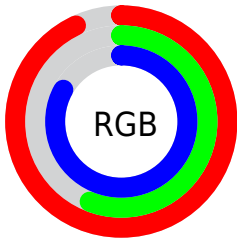
Format	Color
R _Y B	238, 142, 212
Decimal	15634132
CIE Lab	71.00, 45.93, -20.39
CIE LCh	71, 50.252, 336.063
Yxy	42.1875, 0.3412, 0.2538
Android (android.graphics.Color)	4293824212 (0xFFEE8ED4)
YUV	178.6840, 16.4248, 52.0201
Hunter-Lab	64.9519, 42.1832, -15.9923

Details

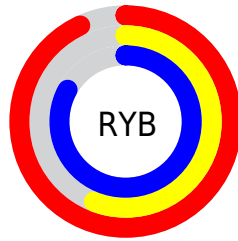
The CIELCh color $71, 50.252, 336.063$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $87, 49.847, 149.623$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 36.378, 325.689$, and $51, 50.027, 336.060$ is the 20% darker color. If you saturate the color by 10%, you get $66, 61.657, 336.917$, and if you desaturate by 10%, it is $76, 38.061, 335.267$.

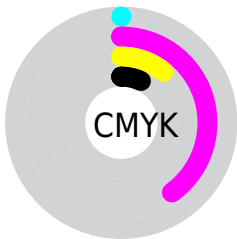
Distribution



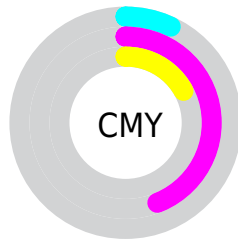
- Red (93%)
- Green (56%)
- Blue (83%)



- Red (93%)
- Yellow (56%)
- Blue (83%)



- Cyan (0%)
- Magenta (40%)
- Yellow (11%)
- Black (7%)





- Cyan (7%)
- Magenta (44%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 50.252, 336.063 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 71, 50.252, 336.063 by changing the saturation by 10% instead.


 71, 50.252,
336.063


 71, 50.252,
336.063


 100, 50.252,
336.063


 61, 50.252,
336.063


 91, 50.252,
336.063

 51, 50.252,
336.063

 41, 50.252,
336.063

 31, 50.252,
336.063

 21, 50.252,
336.063

 11, 50.252,
336.063

 1, 50.252, 336.063

0, 50.252, 336.063

71, 50.252,
336.063

71, 50.252,
336.063

66, 61.657,
336.917

76, 38.061,
335.267

62, 71.745,
337.847

82, 25.515,
334.516

58, 79.908,
338.885

88, 12.912,
333.796

56, 85.595,
340.078

94, 0.451, 332.326

99, 8.256, 156.437

54, 88.496,
341.489

99, 6.411, 177.999

53, 88.998,
343.091

99, 5.901, 199.144

Harmonies

Complementary

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



71, 50.252, 336.063



87, 49.847, 149.623

Rectangle

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



71, 50.252, 336.063



71, 50.252, 26.063



71, 50.252, 156.063



71, 50.252, 206.063

Sweetspot

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



71, 50.249, 336.063



92, 15.847, 333.916



65, 54.104, 303.700



48, 10.520, 334.010



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 50.249, 336.063



72, 62.478, 336.725



70, 39.201, 5.817



47, 7.124, 333.733



41, 73.527, 342.778



9, 32.949, 340.240

Inverse Universe

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



71, 50.249, 336.063



72, 62.478, 336.725



88, 33.552, 176.692



47, 7.124, 333.733



41, 73.527, 342.778



9, 32.949, 340.240

Previews

White Background



This preview shows how the CIELCh color 71, 50.252, 336.063 looks on a white background.

Color Contrast Check

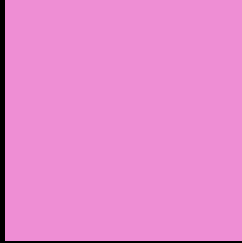
Large Text (above 18pt) WCAG AA × Fail

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 71, 50.252, 336.063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

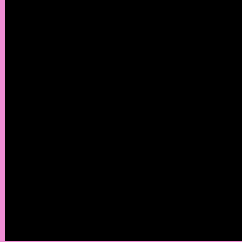
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 50.252, 336.063

Background



This preview shows how black text looks on a background with the CIELCh color 71, 50.252, 336.063.



This preview shows how white text looks on a background with the CIELCh color 71, 50.252, 336.063.

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

71, 50.252, 336.063

Protanopia

71, 33.463, 285.301

Deuteranopia

71, 20.344, 297.015



Tritanopia
71, 32.117, 12.056

Trichromacy



Original Color
71, 50.252, 336.063



Protanomaly
70, 36.192, 306.788



Deuteranomaly
71, 30.056, 319.094



Tritanomaly
71, 36.886, 354.528

Monochromacy



Original Color
71, 50.252, 336.063



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 19.216, 333.755

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 50.252, 336.063 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(238, 142, 212)` looks like.

```
.text, #text, p{  
    color:rgb(238, 142, 212)  
}
```

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(238, 142, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 142, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 50.252, 336.063 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(238, 142, 212) }
```

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

```
.border{ border-color:rgb(238, 142, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 142, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 142, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 142, 212);  
box-shadow:4px 4px 4px 4px rgb(238, 142,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 50.252, 336.063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 142, 212) }
```

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

```
.background{ background-color: rgb(238,  
142, 212) }
```

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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