

Converting Colors

CIELCh(78, 35.710, 336.070)

Have a look what the booklet for
CIELCh(78, 35.710, 336.070)
contains.

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Color

CIELCh(78, 35.472, 336.550)

Conversions

Conversions Part 1

Format	Color
Hex	F1ACDC
RGB	241, 172, 220
RGB Percent	95%, 67%, 86%
CMY	0.0560, 0.3265, 0.1383
CMYK	0.00, 0.29, 0.09, 0.06
HSL	318°, 71%, 81%
HSV	318°, 29%, 94%
XYZ	63.7679, 53.2120, 74.4349
YIQ	198.1030, 25.7160, 29.5560

Conversions

Conversions Part 2

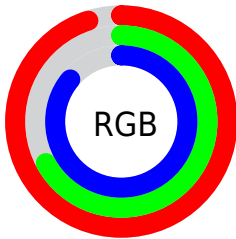
Format	Color
R _Y B	241, 172, 220
Decimal	15838428
CIE Lab	78.00, 32.54, -14.12
CIE LCh	78, 35.472, 336.550
Yxy	53.2120, 0.3331, 0.2780
Android (android.graphics.Color)	4294028508 (0xFF1ACDC)
YUV	198.1030, 10.7952, 37.6207
Hunter-Lab	72.9466, 28.3833, -9.4372

Details

The CIELCh color **78, 35.472, 336.550** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **90, 35.087, 152.138**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 16.877, 325.009**, and **58, 35.363, 336.528** is the 20% darker color. If you saturate the color by 10%, you get **73, 47.608, 337.389**, and if you desaturate by 10%, it is **84, 23.048, 335.768**.

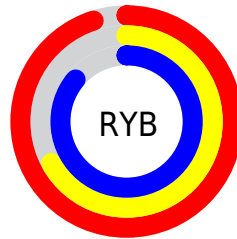
Distribution



Red (95%)

Green (67%)

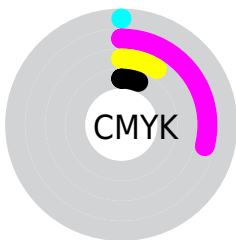
Blue (86%)



Red (95%)

Yellow (67%)

Blue (86%)

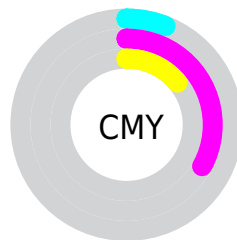


Cyan (0%)

Magenta (29%)

Yellow (9%)

Black (6%)



Cyan (6%)


Magenta (33%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 35.472, 336.550 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 78, 35.472, 336.550 by changing the saturation by 10% instead.


 78, 35.472,
336.550


 78, 35.472,
336.550


 100, 35.472,
336.550


 68, 35.472,
336.550


 98, 35.472,
336.550

 58, 35.472,
336.550

 48, 35.472,
336.550

 38, 35.472,
336.550

 28, 35.472,
336.550

 18, 35.472,
336.550

 8, 35.472, 336.550

0, 35.472, 336.550

78, 35.472,
336.550

78, 35.472,
336.550

73, 47.608,
337.389

84, 23.048,
335.768

68, 59.067,
338.298

90, 10.624,
335.021

63, 69.323,
339.304

96, 1.624, 154.614

59, 77.771,
340.445

99, 5.854, 167.931

99, 4.916, 199.228

57, 83.831,
341.777

55, 87.133,
343.376

■ 54, 87.834,
345.309

■ 53, 87.849,
345.583

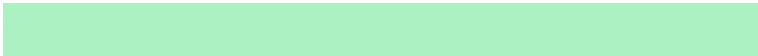
Harmonies

Complementary

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



78, 35.472, 336.550



90, 35.087, 152.138

Rectangle

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



78, 35.472, 336.550



78, 35.472, 26.550



78, 35.472, 156.550



78, 35.472, 206.550

Sweetspot

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



78, 35.469, 336.551



94, 11.579, 335.048



74, 38.142, 303.751



49, 8.055, 335.157



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 35.469, 336.551



79, 44.022, 337.000



77, 27.371, 6.430



47, 6.955, 335.082



41, 71.934, 345.194



9, 32.289, 342.171

Inverse Universe

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



78, 35.469, 336.551



79, 44.022, 337.000



90, 24.281, 180.581



47, 6.955, 335.082



41, 71.934, 345.194



9, 32.289, 342.171

Previews

White Background



This preview shows how the CIELCh color 78, 35.472, 336.550 looks on a white background.

Color Contrast Check

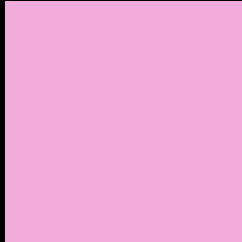
Large Text (above 18pt) WCAG AA × Fail

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 78, 35.472, 336.550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

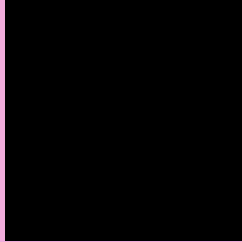
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 35.472, 336.550

Background



This preview shows how black text looks on a background with the CIELCh color 78, 35.472, 336.550.



This preview shows how white text looks on a background with the CIELCh color 78, 35.472, 336.550.

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
78, 35.472, 336.550

Protanopia
78, 22.569, 286.296

Deuteranopia
78, 16.283, 307.882



Tritanopia
78, 23.916, 3.476

Trichromacy



Original Color
78, 35.472, 336.550



Protanomaly
78, 24.818, 309.197



Deuteranomaly
78, 22.672, 322.988



Tritanomaly
78, 27.141, 351.294

Monochromacy



Original Color
78, 35.472, 336.550



Achromatopsia
80, 0.010, 296.813



Achromatomaly
79, 13.558, 335.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 35.472, 336.550 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, 172, 220)` looks like.

```
.text, #text, p{  
    color:rgb(241, 172, 220)  
}
```

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, 172, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 172, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 35.472, 336.550 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, 172, 220) }
```

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

```
.border{ border-color:rgb(241, 172, 220) }
```

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

Here you see how a box with a 4 pixel rgb(241, 172, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 172, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 172, 220);  
box-shadow:4px 4px 4px 4px rgb(241, 172,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 35.472, 336.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 172, 220) }
```

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

```
.background{ background-color: rgb(241,  
172, 220) }
```

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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