

Converting Colors

CIELCh(78, 35.798, 335.922)

Have a look what the booklet for
CIELCh(78, 35.798, 335.922)
contains.

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Color

CIELCh(78, 35.826, 335.931)

Conversions

Conversions Part 1

Format	Color
Hex	F1ACDD
RGB	241, 172, 221
RGB Percent	95%, 67%, 87%
CMY	0.0563, 0.3268, 0.1347
CMYK	0.00, 0.29, 0.08, 0.06
HSL	317°, 71%, 81%
HSV	317°, 29%, 94%
XYZ	63.8417, 53.2120, 75.0642
YIQ	198.2170, 25.3950, 29.8670

Conversions

Conversions Part 2

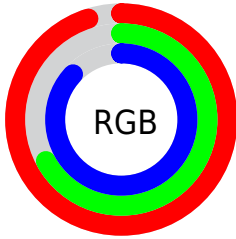
Format	Color
RYB	241, 172, 221
Decimal	15838429
CIELab	78.00, 32.71, -14.61
CIELCh	78, 35.826, 335.931
Yxy	53.2120, 0.3323, 0.2770
Android (android.graphics.Color)	4294028509 (0xFFFF1ACDD)
YUV	198.2170, 11.2320, 37.5207
Hunter-Lab	72.9466, 28.5639, -9.9486

Details

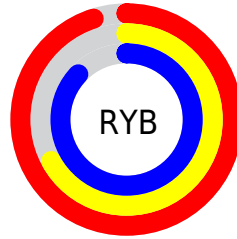
The CIELCh color $78, 35.826, 335.931$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $89, 35.478, 151.577$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $93, 16.877, 325.009$, and $58, 35.733, 335.869$ is the 20% darker color. If you saturate the color by 10%, you get $73, 48.068, 336.748$, and if you desaturate by 10%, it is $84, 23.287, 335.165$.

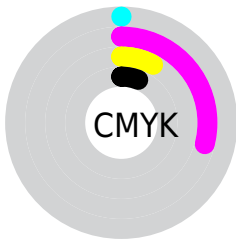
Distribution



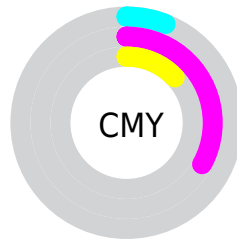
- Red (95%)
- Green (67%)
- Blue (87%)



- Red (95%)
- Yellow (67%)
- Blue (87%)



- Cyan (0%)
- Magenta (29%)
- Yellow (8%)
- Black (6%)





- Cyan (6%)
- Magenta (33%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 35.826, 335.931 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, 35.826, 335.931 by changing the saturation by 10% instead.


 78, 35.826,
335.931


 78, 35.826,
335.931


 100, 35.826,
335.931


 68, 35.826,
335.931


 98, 35.826,
335.931

 58, 35.826,
335.931

 48, 35.826,
335.931

 38, 35.826,
335.931

 28, 35.826,
335.931

 18, 35.826,
335.931

 8, 35.826, 335.931

■ 0, 35.826, 335.931

■ 78, 35.826,
335.931

■ 78, 35.826,
335.931

■ 73, 48.068,
336.748

■ 84, 23.287,
335.165

■ 68, 59.620,
337.628

■ 90, 10.742,
334.431

■ 63, 69.955,
338.594

■ 96, 1.630, 154.029

■ 59, 78.465,
339.681

■ 99, 6.020, 166.058

■ 99, 4.947, 199.226

■ 57, 84.574,
340.939

■ 55, 87.910,
342.438

■ 54, 88.631,
344.238

■ 54, 88.648,
344.492

Harmonies

Complementary

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



78, 35.826, 335.931



89, 35.478, 151.577

Rectangle

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



78, 35.826, 335.931



78, 35.826, 25.931



78, 35.826, 155.931



78, 35.826, 205.931

Sweetspot

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



78, 35.823, 335.932



94, 11.700, 334.458



74, 38.081, 303.188



49, 8.139, 334.564



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, 35.823, 335.932



79, 44.455, 336.369



77, 27.477, 5.182



47, 7.027, 334.490



41, 72.605, 344.131



9, 32.570, 341.323

Inverse Universe

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



78, 35.823, 335.932



79, 44.455, 336.369



90, 24.524, 179.273



47, 7.027, 334.490



41, 72.605, 344.131



9, 32.570, 341.323

Previews

White Background



This preview shows how the CIELCh color 78, 35.826, 335.931 looks on a white background.

Color Contrast Check

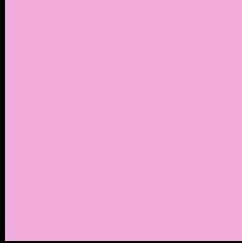
Large Text (above 18pt) WCAG AA × Fail

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, 35.826, 335.931 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, 35.826, 335.931

Background



This preview shows how black text looks on a background with the CIELCh color 78, 35.826, 335.931.




This preview shows how white text looks on a background with the CIELCh color 78, 35.826, 335.931.

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
78, 23.916, 3.476

Trichromacy



Original Color
78, 35.826, 335.931



Protanomaly
78, 25.327, 308.854



Deuteranomaly
78, 23.122, 322.290

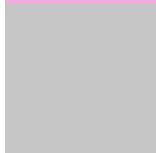


Tritanomaly
78, 27.377, 350.304

Monochromacy



Original Color
78, 35.826, 335.931



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, 35.826, 335.931 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(241, 172, 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(241, 172, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 172, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 35.826, 335.931 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, 221) }
```

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

```
.border{ border-color:rgb(241, 172, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 172, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 172, 221);  
box-shadow:4px 4px 4px 4px rgb(241, 172,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 35.826, 335.931 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, 221) }
```

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

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