

Converting Colors

CIELCh(81, 35.604, 324.239)

Have a look what the booklet for
CIELCh(81, 35.604, 324.239)
contains.

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Color

CIELCh(81, 35.633, 324.244)

Conversions

Conversions Part 1

Format	Color
Hex	EDB7F0
RGB	237, 183, 240
RGB Percent	93%, 72%, 94%
CMY	0.0686, 0.2805, 0.0569
CMYK	0.01, 0.24, 0.00, 0.06
HSL	297°, 66%, 83%
HSV	297°, 24%, 94%
XYZ	67.9219, 58.4711, 90.5274
YIQ	205.6440, 13.8870, 29.1750

Conversions

Conversions Part 2

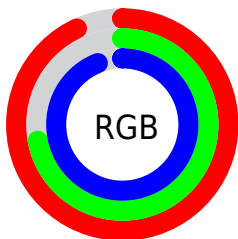
Format	Color
R _Y B	237, 183, 240
Decimal	15579120
CIE Lab	81.00, 28.92, -20.82
CIE LCh	81, 35.633, 324.244
Yxy	58.4711, 0.3131, 0.2696
Android (android.graphics.Color)	4293769200 (0xFFEDB7F0)
YUV	205.6440, 16.9375, 27.4992
Hunter-Lab	76.4664, 24.7378, -16.6660

Details

The CIELCh color `81, 35.633, 324.244` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `90, 35.531, 141.564`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `96, 9.976, 324.758`, and `61, 35.438, 324.418` is the 20% darker color. If you saturate the color by 10%, you get `76, 50.535, 324.743`, and if you desaturate by 10%, it is `87, 20.539, 323.724`.

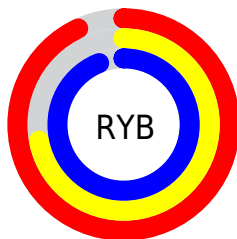
Distribution



Red (93%)

Green (72%)

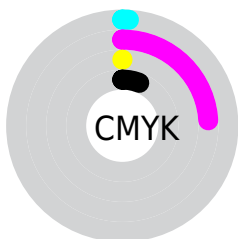
Blue (94%)



Red (93%)

Yellow (72%)

Blue (94%)

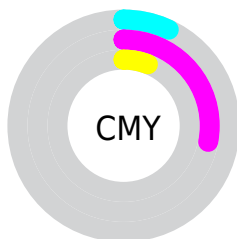


Cyan (1%)

Magenta (24%)

Yellow (0%)

Black (6%)



Cyan (7%)


Magenta (28%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 35.633, 324.244 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 81, 35.633, 324.244 by changing the saturation by 10% instead.


 81, 35.633,
324.244


 81, 35.633,
324.244


 100, 35.633,
324.244


 71, 35.633,
324.244


 61, 35.633,
324.244

 51, 35.633,
324.244

 41, 35.633,
324.244

 31, 35.633,
324.244

 21, 35.633,
324.244

 11, 35.633,

324.244

■ 1, 35.633, 324.244

■ 0, 35.633, 324.244

■ 81, 35.633,
324.244

■ 81, 35.633,
324.244

■ 76, 50.535,
324.743

■ 87, 20.539,
323.724

■ 70, 64.880,
325.205

■ 93, 5.523, 323.170

■ 99, 8.862, 142.696

■ 66, 78.173,
325.608

■ 99, 8.621, 140.274

■ 62, 89.823,
325.930

■ 99, 8.396, 137.711

■ 59, 99.222,

■ 99, 8.189, 135.004

326.148

99, 8.001, 132.155

57, 105.888,
326.244

99, 7.833, 129.169

55, 109.654,
326.211

99, 7.688, 126.054

55, 110.871,
326.138

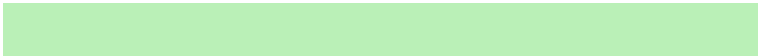
Harmonies

Complementary

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



81, 35.633, 324.244



90, 35.531, 141.564

Rectangle

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



81, 35.633, 324.244



81, 35.633, 14.244



81, 35.633, 144.244



81, 35.633, 194.244

Sweetspot

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



81, 35.630, 324.244



96, 10.953, 323.365



77, 28.582, 290.278



51, 7.120, 323.398



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 35.630, 324.244



83, 44.113, 324.466



81, 26.862, 342.205



47, 8.470, 323.499



42, 90.550, 326.173



9, 39.510, 326.456

Inverse Universe

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



80, 22.002, 17.132



81, 27.659, 17.669



90, 26.302, 158.190



47, 4.998, 15.686



38, 79.470, 37.916



8, 29.563, 21.692

Previews

White Background



This preview shows how the CIELCh color 81, 35.633, 324.244 looks on a white background.

Color Contrast Check

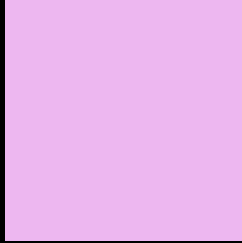
Large Text (above 18pt) WCAG AA × Fail

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 81, 35.633, 324.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

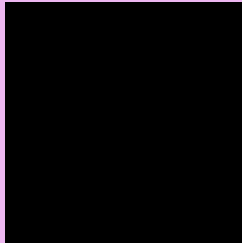
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 35.633, 324.244

Background



This preview shows how black text looks on a background with the CIELCh color 81, 35.633, 324.244.



This preview shows how white text looks on a background with the CIELCh color 81, 35.633, 324.244.

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

81, 35.633, 324.244

Protanopia

81, 27.741, 285.920

Deuteranopia

81, 21.953, 297.370



Tritanopia
81, 17.472, 353.890

Trichromacy



Original Color
81, 35.633, 324.244



Protanomaly
81, 29.240, 301.801



Deuteranomaly
81, 26.450, 310.352

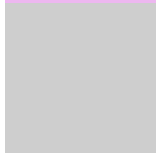


Tritanomaly
81, 23.037, 337.736

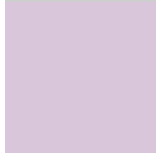
Monochromacy



Original Color
81, 35.633, 324.244



Achromatopsia
83, 0.010, 296.813



Achromatomaly
82, 13.114, 322.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 35.633, 324.244 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(237, 183, 240)` looks like.

```
.text, #text, p{  
    color:rgb(237, 183, 240)  
}
```

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(237, 183, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 183, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 35.633, 324.244 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(237, 183, 240) }
```

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

```
.border{ border-color:rgb(237, 183, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 183, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 183, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 183, 240);  
box-shadow:4px 4px 4px 4px rgb(237, 183,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 35.633, 324.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 183, 240) }
```

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

```
.background{ background-color: rgb(237,  
183, 240) }
```

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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