

Converting Colors

CIELCh(80, 33.149, 325.654)

Have a look what the booklet for
CIELCh(80, 33.149, 325.654)
contains.

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Color

CIELCh(80, 33.149, 325.654)

Conversions

Conversions Part 1

Format	Color
Hex	EAB6EA
RGB	234, 182, 234
RGB Percent	92%, 71%, 92%
CMY	0.0837, 0.2875, 0.0837
CMYK	0.00, 0.22, 0.00, 0.08
HSL	300°, 55%, 81%
HSV	300°, 22%, 92%
XYZ	65.2866, 56.6813, 85.0897
YIQ	203.4760, 14.3000, 27.1960

Conversions

Conversions Part 2

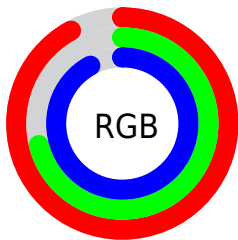
Format	Color
R_{YB}	234, 182, 234
Decimal	15382250
CIE _{Lab}	80.00, 27.37, -18.70
CIE _{LCh}	80, 33.149, 325.654
Yxy	56.6813, 0.3153, 0.2737
Android (android.graphics.Color)	4293572330 (0xFFEAB6EA)
YUV	203.4760, 15.0483, 26.7695
Hunter-Lab	75.2870, 23.0376, -14.3090

Details

The CIELCh color $80, 33.149, 325.654$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $88, 33.129, 142.979$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 10.602, 324.781$, and $60, 32.856, 325.916$ is the 20% darker color. If you saturate the color by 10%, you get $75, 47.899, 326.190$, and if you desaturate by 10%, it is $86, 18.199, 325.099$.

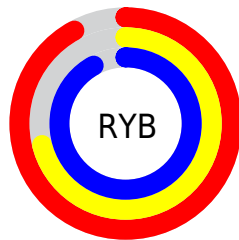
Distribution



Red (92%)

Green (71%)

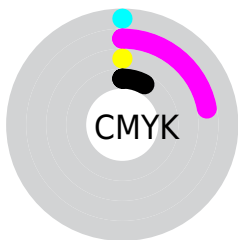
Blue (92%)



Red (92%)

Yellow (71%)

Blue (92%)

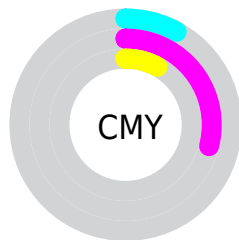


Cyan (0%)

Magenta (22%)

Yellow (0%)

Black (8%)



Cyan (8%)


Magenta (29%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 33.149, 325.654 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 80, 33.149, 325.654 by changing the saturation by 10% instead.


 80, 33.149,
325.654


 80, 33.149,
325.654


 100, 33.149,
325.654


 70, 33.149,
325.654


 60, 33.149,
325.654

 50, 33.149,
325.654

 40, 33.149,
325.654

 30, 33.149,
325.654

 20, 33.149,
325.654

 10, 33.149,

325.654

0, 33.149, 325.654

80, 33.149,
325.654

80, 33.149,
325.654

75, 47.899,
326.190

86, 18.199,
325.099

70, 62.086,
326.693

91, 3.322, 324.477

66, 75.224,
327.147

97, 11.309,
144.048

62, 86.746,
327.536

98, 13.296,
143.969

59, 96.079,
327.843

98, 13.296,
143.968

98, 13.296,

■ 57,102.778,
328.059

143.967

■ 56,106.691,
328.184

■ 98,13.295,
143.966

■ 55,108.176,
328.231

■ 98,13.295,
143.964

■ 98,13.295,
143.963

Harmonies

Complementary

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



80, 33.149, 325.654



88, 33.129, 142.979

Rectangle

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



80, 33.149, 325.654



80, 33.149, 15.654



80, 33.149, 145.654



80, 33.149, 195.654

Sweetspot

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



80, 33.146, 325.654



96, 11.134, 324.800



76, 27.578, 292.115



51, 7.237, 324.835



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 33.146, 325.654



84, 43.154, 325.919



79, 23.818, 344.710



46, 8.457, 324.941



43, 89.364, 328.231



9, 38.267, 328.231

Inverse Universe

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



79, 20.136, 21.060



82, 26.729, 21.585



88, 23.213, 160.807



46, 4.905, 19.933



38, 80.845, 39.984



7, 28.535, 22.713

Previews

White Background



This preview shows how the CIELCh color 80, 33.149, 325.654 looks on a white background.

Color Contrast Check

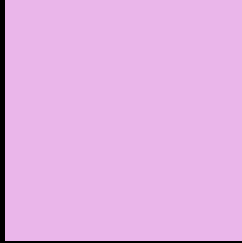
Large Text (above 18pt) WCAG AA × Fail

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 80, 33.149, 325.654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

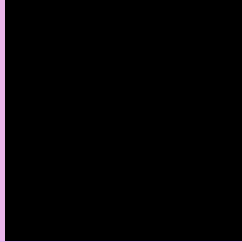
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 33.149, 325.654

Background



This preview shows how black text looks on a background with the CIELCh color 80, 33.149, 325.654.



This preview shows how white text looks on a background with the CIELCh color 80, 33.149, 325.654.

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
80, 17.521, 353.916

Trichromacy



Original Color
80, 33.149, 325.654

Protanomaly
80, 26.679, 302.614

Deuteranomaly
80, 24.006, 312.314

Tritanomaly
80, 22.752, 338.749

Monochromacy



Original Color
80, 33.149, 325.654

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 12.263, 324.906

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 33.149, 325.654 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(234, 182, 234)` looks like.

```
.text, #text, p{  
    color:rgb(234, 182, 234)  
}
```

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(234, 182, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 182, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 33.149, 325.654 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(234, 182, 234) }
```

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

```
.border{ border-color:rgb(234, 182, 234) }
```

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

Here you see how a box with a 4 pixel rgb(234, 182, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 182, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 182, 234);  
box-shadow:4px 4px 4px 4px rgb(234, 182,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 33.149, 325.654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 182, 234) }
```

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

```
.background{ background-color: rgb(234,  
182, 234) }
```

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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