

Converting Colors

CIELCh(80, 35.065, 332.401)

Have a look what the booklet for
CIELCh(80, 35.065, 332.401)
contains.

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Color

CIELCh(80, 34.637, 332.432)

Conversions

Conversions Part 1

Format	Color
Hex	F2B3E5
RGB	242, 179, 229
RGB Percent	95%, 70%, 90%
CMY	0.0516, 0.2986, 0.1025
CMYK	0.00, 0.26, 0.05, 0.05
HSL	312°, 71%, 82%
HSV	312°, 26%, 95%
XYZ	66.7785, 56.6813, 81.4403
YIQ	203.5370, 21.4980, 28.9060

Conversions

Conversions Part 2

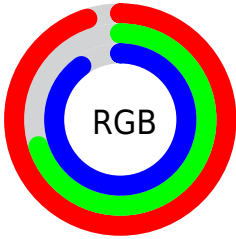
Format	Color
R_{YB}	242, 179, 229
Decimal	15905765
CIE _{Lab}	80.00, 30.70, -16.03
CIE _{LCh}	80, 34.637, 332.432
Yxy	56.6813, 0.3259, 0.2766
Android (android.graphics.Color)	4294095845 (0xFFFF2B3E5)
YUV	203.5370, 12.5533, 33.7321
Hunter-Lab	75.2870, 26.5747, -11.4350

Details

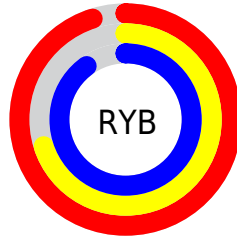
The CIELCh color $80, 34.637, 332.432$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90, 34.475, 148.810$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 12.482, 324.851$, and $60, 34.136, 332.690$ is the 20% darker color. If you saturate the color by 10%, you get $75, 47.725, 333.130$, and if you desaturate by 10%, it is $86, 21.293, 331.756$.

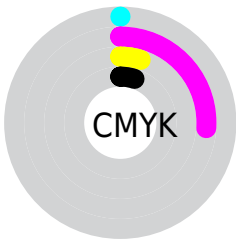
Distribution



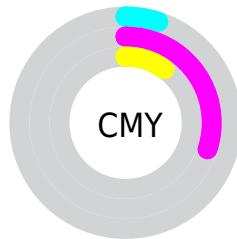
- Red (95%)
- Green (70%)
- Blue (90%)



- Red (95%)
- Yellow (70%)
- Blue (90%)



- Cyan (0%)
- Magenta (26%)
- Yellow (5%)
- Black (5%)





- Cyan (5%)
- Magenta (30%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 34.637, 332.432 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, 34.637, 332.432 by changing the saturation by 10% instead.


 80, 34.637,
332.432


 80, 34.637,
332.432


 100, 34.637,
332.432


 70, 34.637,
332.432

 60, 34.637,
332.432

 50, 34.637,
332.432

 40, 34.637,
332.432

 30, 34.637,
332.432

 20, 34.637,
332.432

 10, 34.637,

332.432

0, 34.637, 332.432

80, 34.637,
332.432

80, 34.637,
332.432

75, 47.725,
333.130

86, 21.293,
331.756

70, 60.178,
333.852

92, 7.972, 331.084

65, 71.483,
334.603

98, 5.151, 150.581

99, 5.592, 164.924

61, 81.038,
335.397

99, 4.593, 191.623

58, 88.245,
336.253

99, 4.534, 199.264

■ 56, 92.672,
337.205

■ 55, 94.253,
338.297

■ 55, 94.384,
338.761

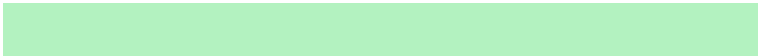
Harmonies

Complementary

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



80, 34.637, 332.432



90, 34.475, 148.810

Rectangle

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



80, 34.637, 332.432



80, 34.637, 22.432



80, 34.637, 152.432



80, 34.637, 202.432

Sweetspot

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



80, 34.634, 332.433



95, 11.031, 331.220



76, 34.338, 300.114



50, 7.847, 331.322



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, 34.634, 332.433



81, 42.979, 332.781



79, 25.637, 358.766



47, 7.459, 331.318



42, 76.966, 338.539



9, 34.326, 336.823

Inverse Universe

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



80, 34.634, 332.433



81, 42.979, 332.781



91, 23.736, 173.417



47, 7.459, 331.318



42, 76.966, 338.539



9, 34.326, 336.823

Previews

White Background



This preview shows how the CIELCh color 80, 34.637, 332.432 looks on a white background.

Color Contrast Check

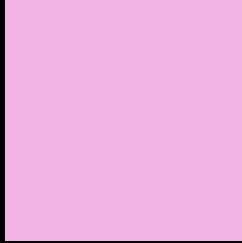
Large Text (above 18pt) WCAG AA × Fail

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, 34.637, 332.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

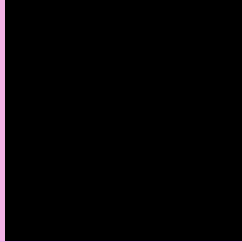
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 34.637, 332.432

Background



This preview shows how black text looks on a background with the CIELCh color 80, 34.637, 332.432.



This preview shows how white text looks on a background with the CIELCh color 80, 34.637, 332.432.

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, 21.728, 359.903

Trichromacy



Original Color
80, 34.637, 332.432



Protanomaly
80, 25.945, 305.979



Deuteranomaly
80, 23.420, 318.624

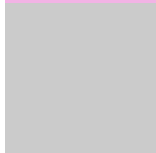


Tritanomaly
80, 25.624, 346.296

Monochromacy



Original Color
80, 34.637, 332.432



Achromatopsia
82, 0.010, 296.813



Achromatomaly
81, 12.742, 331.788

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 34.637, 332.432 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(242, 179, 229)` looks like.

```
.text, #text, p{  
    color:rgb(242, 179, 229)  
}
```

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(242, 179, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 179, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 34.637, 332.432 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(242, 179, 229) }
```

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

```
.border{ border-color:rgb(242, 179, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 179, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 179, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 179, 229);  
box-shadow:4px 4px 4px 4px rgb(242, 179,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 34.637, 332.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 179, 229) }
```

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

```
.background{ background-color: rgb(242,  
179, 229) }
```

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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