

Converting Colors

CIELCh(80, 42.936, 325.957)

Have a look what the booklet for
CIELCh(80, 42.936, 325.957)
contains.

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Color

CIELCh(80, 42.968, 325.963)

Conversions

Conversions Part 1

Format	Color
Hex	F4B0F4
RGB	244, 176, 244
RGB Percent	96%, 69%, 96%
CMY	0.0440, 0.3106, 0.0440
CMYK	0.00, 0.28, 0.00, 0.04
HSL	300°, 75%, 82%
HSV	300°, 28%, 96%
XYZ	69.0123, 56.6813, 92.7177
YIQ	204.0840, 18.7000, 35.5640

Conversions

Conversions Part 2

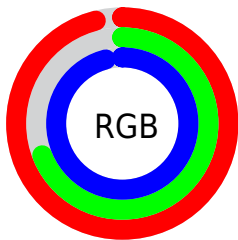
Format	Color
R_{YB}	244, 176, 244
Decimal	16036084
CIE Lab	80.00, 35.61, -24.05
CIE LCh	80, 42.968, 325.963
Yxy	56.6813, 0.3160, 0.2595
Android (android.graphics.Color)	4294226164 (0xFFFF4B0F4)
YUV	204.0840, 19.6786, 35.0063
Hunter-Lab	75.2870, 31.8710, -20.3162

Details

The CIELCh color $80, 42.968, 325.963$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $90, 42.964, 142.508$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $94, 14.364, 324.919$, and $60, 43.461, 325.876$ is the 20% darker color. If you saturate the color by 10%, you get $75, 57.954, 326.483$, and if you desaturate by 10%, it is $86, 27.569, 325.417$.

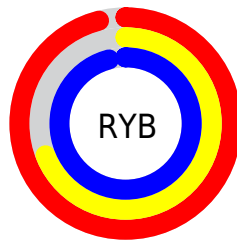
Distribution



Red (96%)

Green (69%)

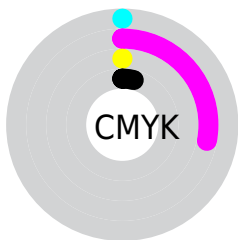
Blue (96%)



Red (96%)

Yellow (69%)

Blue (96%)

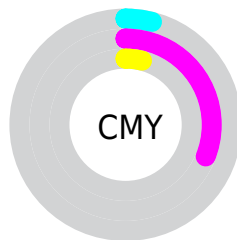


Cyan (0%)

Magenta (28%)

Yellow (0%)

Black (4%)



Cyan (4%)

Magenta (31%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 42.968, 325.963 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, 42.968, 325.963 by changing the saturation by 10% instead.


 80, 42.968,
325.963


 80, 42.968,
325.963


 100, 42.968,
325.963


 70, 42.968,
325.963

 60, 42.968,
325.963

 50, 42.968,
325.963

 40, 42.968,
325.963

 30, 42.968,
325.963

 20, 42.968,
325.963

 10, 42.968,

325.963

0, 42.968, 325.963

80, 42.968,
325.963

80, 42.968,
325.963

75, 57.954,
326.483

86, 27.569,
325.417

70, 72.081,
326.962

91, 12.103,
324.851

66, 84.788,
327.381

97, 3.201, 144.420

63, 95.469,
327.725

99, 6.966, 144.233

60, 103.585,
327.981

99, 6.965, 144.231

99, 6.965, 144.230

■ 59, 108.828,
328.143

■ 99, 6.965, 144.228

■ 58, 111.337,
328.220

■ 99, 6.965, 144.226

■ 99, 6.965, 144.224

■ 58, 111.696,
328.231

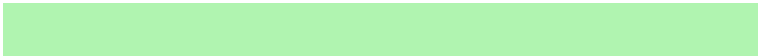
Harmonies

Complementary

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



80, 42.968, 325.963



90, 42.964, 142.508

Rectangle

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



80, 42.968, 325.963



80, 42.968, 15.963



80, 42.968, 145.963



80, 42.968, 195.963

Sweetspot

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



80, 42.965, 325.963



95, 12.733, 324.859



74, 36.210, 292.951



50, 9.057, 324.946



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, 42.965, 325.963



80, 52.585, 326.237



79, 30.998, 345.298



48, 8.758, 324.944



44, 91.228, 328.231



11, 40.561, 328.231

Inverse Universe

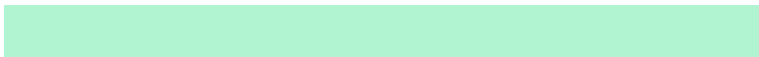
The Inverse Universe completely reimagines the original color for something new.



78, 26.703, 21.682



78, 33.410, 22.335



91, 30.024, 160.212



48, 5.080, 19.938



39, 82.549, 39.998



8, 31.024, 25.006

Previews

White Background



This preview shows how the CIELCh color 80, 42.968, 325.963 looks on a white background.

Color Contrast Check

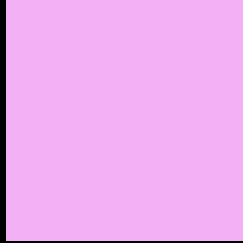
Large Text (above 18pt) WCAG AA × Fail

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, 42.968, 325.963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

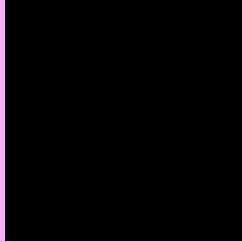
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 42.968, 325.963

Background



This preview shows how black text looks on a background with the CIELCh color 80, 42.968, 325.963.



This preview shows how white text looks on a background with the CIELCh color 80, 42.968, 325.963.

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

80, 42.968, 325.963

Protanopia

80, 31.067, 284.705

Deuteranopia

80, 24.591, 294.664



Tritanopia
80, 21.728, 359.903

Trichromacy



Original Color
80, 42.968, 325.963



Protanomaly
80, 33.642, 301.996



Deuteranomaly
80, 30.393, 310.135

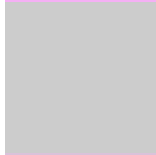


Tritanomaly
80, 27.993, 341.797

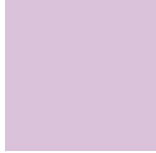
Monochromacy



Original Color
80, 42.968, 325.963



Achromatopsia
82, 0.010, 296.813



Achromatomaly
81, 15.455, 325.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 42.968, 325.963 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(244, 176, 244)` looks like.

```
.text, #text, p{  
    color:rgb(244, 176, 244)  
}
```

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(244, 176, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 176, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 42.968, 325.963 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(244, 176, 244) }
```

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

```
.border{ border-color:rgb(244, 176, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 176, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 176, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 176, 244);  
box-shadow:4px 4px 4px 4px rgb(244, 176,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 42.968, 325.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 176, 244) }
```

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

```
.background{ background-color: rgb(244,  
176, 244) }
```

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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