

Converting Colors

CIELCh(82, 45.624, 324.382)

Have a look what the booklet for
CIELCh(82, 45.624, 324.382)
contains.

CIELCh(82, 45.724, 324.479)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(82, 45.724, 324.479)

Conversions

Conversions Part 1

Format	Color
Hex	FAB4FE
RGB	250, 180, 254
RGB Percent	98%, 71%, 100%
CMY	0.0185, 0.2931, 0.0028
CMYK	0.02, 0.29, 0.00, 0.00
HSL	297°, 98%, 85%
HSV	297°, 29%, 100%
XYZ	73.8329, 60.2982, 101.7463
YIQ	209.3660, 17.9660, 37.8540

Conversions

Conversions Part 2

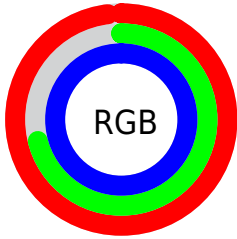
Format	Color
R _Y B	250, 180, 254
Decimal	16430334
CIE Lab	82.00, 37.21, -26.57
CIE LCh	82, 45.724, 324.479
Yxy	60.2982, 0.3130, 0.2556
Android (android.graphics.Color)	4294620414 (0xFFFFAB4FE)
YUV	209.3660, 22.0046, 35.6360
Hunter-Lab	77.6519, 33.8303, -23.3306

Details

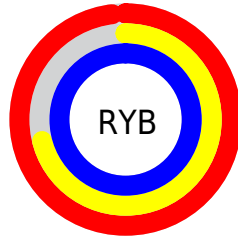
The CIELCh color `82, 45.724, 324.479` is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be `94, 45.587, 141.104`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `96, 11.228, 324.804`, and `62, 45.852, 324.723` is the 20% darker color. If you saturate the color by 10%, you get `76, 61.047, 324.960`, and if you desaturate by 10%, it is `88, 30.003, 323.968`.

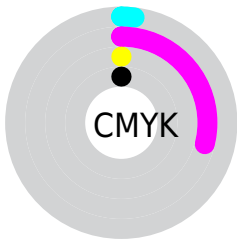
Distribution



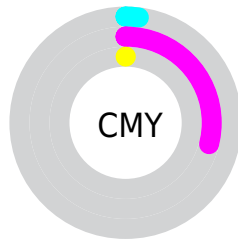
- Red (98%)
- Green (71%)
- Blue (100%)



- Red (98%)
- Yellow (71%)
- Blue (100%)



- Cyan (2%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 45.724, 324.479 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 82, 45.724, 324.479 by changing the saturation by 10% instead.


 82, 45.724,
324.479


 82, 45.724,
324.479


 100, 45.724,
324.479


 72, 45.724,
324.479

 62, 45.724,
324.479

 52, 45.724,
324.479

 42, 45.724,
324.479

 32, 45.724,
324.479

 22, 45.724,
324.479

 12, 45.724,

324.479

■ 2, 45.724, 324.479

■ 0, 45.724, 324.479

■ 82, 45.724,
324.479

■ 82, 45.724,
324.479

■ 76, 61.047,
324.960

■ 88, 30.003,
323.968

■ 71, 75.518,
325.393

■ 94, 14.229,
323.440

■ 67, 88.553,
325.754

100, 0.413,
140.310

■ 63, 99.506,
326.020

100, 0.355,
109.933

■ 61, 107.787,

326.169

■ 59, 113.047,
326.189

■ 58, 115.501,
326.086

■ 58, 115.663,
326.075

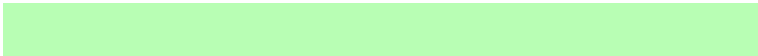
Harmonies

Complementary

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



82, 45.724, 324.479



94, 45.587, 141.104

Rectangle

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



82, 45.724, 324.479



82, 45.724, 14.479



82, 45.724, 144.479



82, 45.724, 194.479

Sweetspot

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



82, 45.721, 324.479



94, 14.095, 323.434



77, 37.113, 291.125



49, 9.804, 323.513



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 45.721, 324.479



79, 54.955, 324.768



81, 34.559, 342.739



50, 8.907, 323.461



44, 93.354, 326.111



12, 42.928, 326.363

Inverse Universe

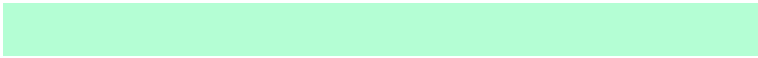
The Inverse Universe completely reimagines the original color for something new.



80, 28.789, 17.702



77, 35.365, 18.546



94, 33.695, 157.623



49, 5.260, 15.575



40, 81.969, 37.961



10, 32.934, 25.006

Previews

White Background



This preview shows how the CIELCh color 82, 45.724, 324.479 looks on a white background.

Color Contrast Check

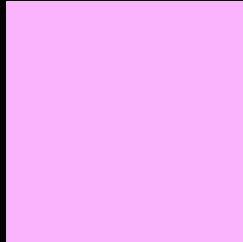
Large Text (above 18pt) WCAG AA × Fail

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 82, 45.724, 324.479 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 82, 45.724, 324.479

Background



This preview shows how black text looks on a background with the CIELCh color 82, 45.724, 324.479.



This preview shows how white text looks on a background with the CIELCh color 82, 45.724, 324.479.

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
82, 21.253, 359.422

Trichromacy



Original Color
82, 45.724, 324.479



Protanomaly
82, 33.137, 303.782



Deuteranomaly
82, 32.655, 308.183

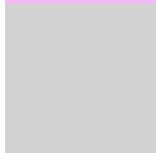


Tritanomaly
82, 29.107, 339.790

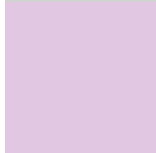
Monochromacy



Original Color
82, 45.724, 324.479



Achromatopsia
84, 0.010, 296.813



Achromatomaly
83, 17.083, 324.062

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 45.724, 324.479 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(250, 180, 254)` looks like.

```
.text, #text, p{  
    color:rgb(250, 180, 254)  
}
```

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(250, 180, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 180, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 45.724, 324.479 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(250, 180, 254) }
```

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

```
.border{ border-color:rgb(250, 180, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 180, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 180, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 180, 254);  
box-shadow:4px 4px 4px 4px rgb(250, 180,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 45.724, 324.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 180, 254) }
```

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

```
.background{ background-color: rgb(250,  
180, 254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor