

Converting Colors

CIELCh(83, 41.621, 333.524)

Have a look what the booklet for
CIELCh(83, 41.621, 333.524)
contains.

CIELCh(82, 40.505, 331.584)	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, 40.505, 331.584)

Conversions

Conversions Part 1

Format	Color
Hex	FEB5F1
RGB	254, 181, 241
RGB Percent	100%, 71%, 95%
CMY	0.0051, 0.2911, 0.0560
CMYK	0.00, 0.29, 0.05, 0.01
HSL	311°, 97%, 85%
HSV	311°, 29%, 99%
XYZ	73.0692, 60.2982, 90.7842
YIQ	209.6670, 24.2480, 34.1360

Conversions

Conversions Part 2

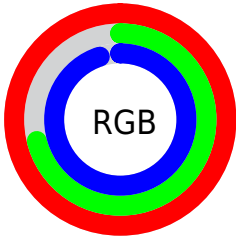
Format	Color
RYB	254, 181, 241
Decimal	16692721
CIELab	82.00, 35.62, -19.28
CIELCh	82, 40.505, 331.584
Yxy	60.2982, 0.3260, 0.2690
Android (android.graphics.Color)	4294882801 (0xFFFEb5F1)
YUV	209.6670, 15.4472, 38.8800
Hunter-Lab	77.6519, 32.0749, -14.9606

Details

The CIELCh color $82, 40.505, 331.584$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $94, 40.365, 147.606$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 10.602, 324.781$, and $62, 40.621, 331.319$ is the 20% darker color. If you saturate the color by 10%, you get $76, 54.223, 332.256$, and if you desaturate by 10%, it is $88, 26.406, 330.926$.

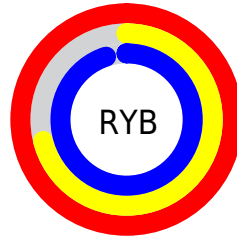
Distribution



Red (100%)

Green (71%)

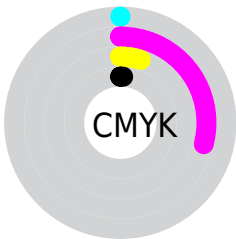
Blue (95%)



Red (100%)

Yellow (71%)

Blue (95%)

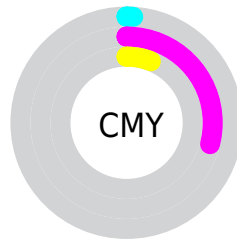


Cyan (0%)

Magenta (29%)

Yellow (5%)

Black (1%)



Cyan (1%)


Magenta (29%)


Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 40.505, 331.584 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, 40.505, 331.584 by changing the saturation by 10% instead.


 82, 40.505,
331.584


 82, 40.505,
331.584


 100, 40.505,
331.584


 72, 40.505,
331.584

 62, 40.505,
331.584

 52, 40.505,
331.584

 42, 40.505,
331.584

 32, 40.505,
331.584

 22, 40.505,
331.584

 12, 40.505,

331.584

■ 2, 40.505, 331.584

■ 0, 40.505, 331.584

■ 82, 40.505,
331.584

■ 82, 40.505,
331.584

■ 76, 54.223,
332.256

■ 88, 26.406,
330.926

■ 71, 67.122,
332.942

■ 94, 12.255,
330.276

■ 67, 78.629,
333.645

100, 0.590,
160.916

■ 63, 88.105,
334.372

100, 0.456,
200.829

■ 61, 94.959,

335.141

■ 59, 98.836,
335.980

■ 58, 99.912,
336.920

■ 58, 99.960,
337.042

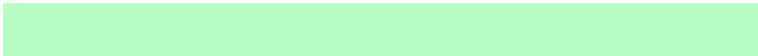
Harmonies

Complementary

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



82, 40.505, 331.584



94, 40.365, 147.606

Rectangle

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



82, 40.505, 331.584



82, 40.505, 21.584



82, 40.505, 151.584



82, 40.505, 201.584

Sweetspot

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



82, 40.502, 331.584



94, 12.671, 330.293



77, 39.522, 299.266



49, 8.813, 330.388



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, 40.502, 331.584



79, 47.989, 331.937



81, 29.935, 356.822



50, 8.007, 330.326



44, 81.014, 336.864



12, 37.883, 335.643

Inverse Universe

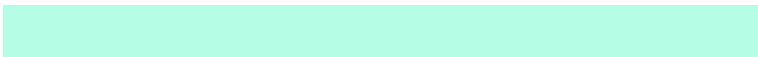
The Inverse Universe completely reimagines the original color for something new.



82, 40.502, 331.584



79, 47.989, 331.937



94, 27.758, 170.836



50, 8.007, 330.326



44, 81.014, 336.864



12, 37.883, 335.643

Previews

White Background



This preview shows how the CIELCh color 82, 40.505, 331.584 looks on a white background.

Color Contrast Check

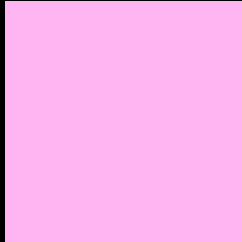
Large Text (above 18pt) WCAG AA × Fail

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, 40.505, 331.584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

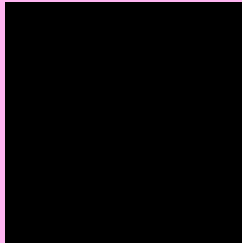
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 40.505, 331.584

Background



This preview shows how black text looks on a background with the CIELCh color 82, 40.505, 331.584.



This preview shows how white text looks on a background with the CIELCh color 82, 40.505, 331.584.

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
82, 40.534, 331.592

Protanopia
82, 28.190, 286.059

Deuteranopia
82, 20.467, 300.534



Tritanopia
82, 24.023, 3.658

Trichromacy



Original Color
82, 40.534, 331.592



Protanomaly
82, 30.625, 305.252



Deuteranomaly
82, 27.073, 317.104

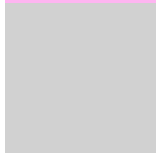


Tritanomaly
82, 29.067, 347.814

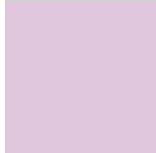
Monochromacy



Original Color
82, 40.534, 331.592



Achromatopsia
84, 0.010, 296.813



Achromatomaly
83, 14.973, 329.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 40.505, 331.584 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(254, 181, 241)` looks like.

```
.text, #text, p{  
    color:rgb(254, 181, 241)  
}
```

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(254, 181, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 181, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 40.505, 331.584 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(254, 181, 241) }
```

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

```
.border{ border-color:rgb(254, 181, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 181, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 181, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 181, 241);  
box-shadow:4px 4px 4px 4px rgb(254, 181,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 40.505, 331.584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 181, 241) }
```

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

```
.background{ background-color: rgb(254,  
181, 241) }
```

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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