

Converting Colors

CIELCh(100, 82.598, 5.946)

Have a look what the booklet for
CIELCh(100, 82.598, 5.946) contains.

CIELCh(82, 41.123, 331.525)	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, 41.123, 331.525)

Conversions

Conversions Part 1

Format	Color
Hex	FEB4F1
RGB	254, 180, 241
RGB Percent	100%, 71%, 95%
CMY	0.0026, 0.2926, 0.0535
CMYK	0.00, 0.29, 0.05, 0.00
HSL	311°, 98%, 85%
HSV	311°, 29%, 100%
XYZ	73.3200, 60.2982, 91.2644
YIQ	209.0800, 24.5230, 34.6590

Conversions

Conversions Part 2

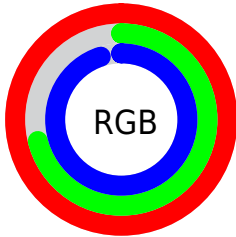
Format	Color
RYB	254, 180, 241
Decimal	16692465
CIELab	82.00, 36.15, -19.61
CIELCh	82, 41.123, 331.525
Yxy	60.2982, 0.3260, 0.2681
Android (android.graphics.Color)	4294882545 (0xFFFE4F1)
YUV	209.0800, 15.7366, 39.3948
Hunter-Lab	77.6519, 32.6513, -15.3273

Details

The CIELCh color $82, 41.123, 331.525$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $94, 40.985, 147.499$, 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 $62, 41.258, 331.271$ is the 20% darker color. If you saturate the color by 10%, you get $76, 54.870, 332.195$, and if you desaturate by 10%, it is $88, 26.980, 330.869$.

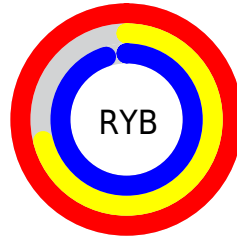
Distribution



Red (100%)

Green (71%)

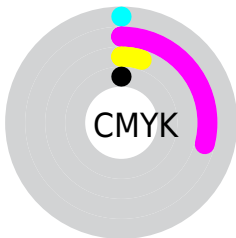
Blue (95%)



Red (100%)

Yellow (71%)

Blue (95%)

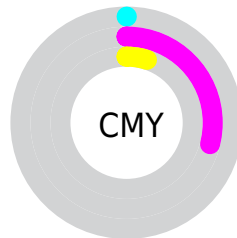


Cyan (0%)

Magenta (29%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 41.123, 331.525 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, 41.123, 331.525 by changing the saturation by 10% instead.


 82, 41.123,
331.525


 82, 41.123,
331.525


 100, 41.123,
331.525


 72, 41.123,
331.525

 62, 41.123,
331.525

 52, 41.123,
331.525

 42, 41.123,
331.525

 32, 41.123,
331.525

 22, 41.123,
331.525

 12, 41.123,

331.525

■ 2, 41.123, 331.525

■ 0, 41.123, 331.525

■ 82, 41.123,
331.525

■ 82, 41.123,
331.525

■ 76, 54.870,
332.195

■ 88, 26.980,
330.869

■ 71, 67.777,
332.878

■ 94, 12.775,
330.220

■ 67, 79.266,
333.577

100, 0.261,
172.539

■ 63, 88.695,
334.299

100, 0.231,
202.256

■ 61, 95.477,

335.061

■ 59, 99.270,
335.892

■ 58, 100.291,
336.819

■ 58, 100.327,
336.908

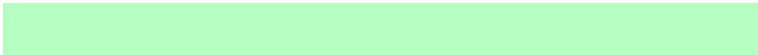
Harmonies

Complementary

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



82, 41.123, 331.525



94, 40.985, 147.499

Rectangle

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



82, 41.123, 331.525



82, 41.123, 21.525



82, 41.123, 151.525



82, 41.123, 201.525

Sweetspot

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



82, 41.120, 331.525



94, 12.692, 330.215



77, 40.093, 299.303



49, 8.827, 330.310



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, 41.120, 331.525



79, 49.441, 331.921



81, 30.359, 356.868



50, 8.020, 330.248



44, 81.155, 336.731



12, 37.942, 335.531

Inverse Universe

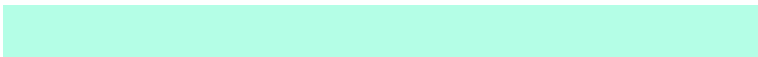
The Inverse Universe completely reimagines the original color for something new.



82, 41.120, 331.525



79, 49.441, 331.921



95, 28.125, 170.798



50, 8.020, 330.248



44, 81.155, 336.731



12, 37.942, 335.531

Previews

White Background



This preview shows how the CIELCh color 82, 41.123, 331.525 looks on a white background.

Color Contrast Check

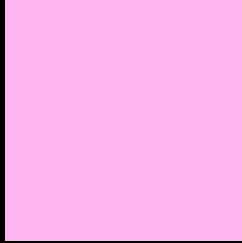
Large Text (above 18pt) WCAG AA × Fail

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, 41.123, 331.525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

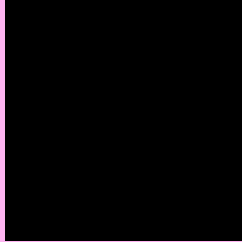
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 41.123, 331.525

Background



This preview shows how black text looks on a background with the CIELCh color 82, 41.123, 331.525.



This preview shows how white text looks on a background with the CIELCh color 82, 41.123, 331.525.

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, 41.153, 331.532

Protanopia
82, 28.219, 285.423

Deuteranopia
82, 20.991, 300.343



Tritanopia
82, 24.023, 3.658

Trichromacy



Original Color
82, 41.153, 331.532



Protanomaly
82, 30.625, 305.252



Deuteranomaly
82, 27.547, 316.636

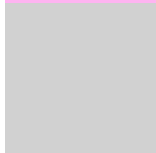


Tritanomaly
82, 29.067, 347.814

Monochromacy



Original Color
82, 41.153, 331.532



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, 41.123, 331.525 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, 180, 241)` looks like.

```
.text, #text, p{  
    color:rgb(254, 180, 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, 180, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 180, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 41.123, 331.525 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, 180, 241) }
```

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

```
.border{ border-color:rgb(254, 180, 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, 180, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 180, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 180, 241);  
box-shadow:4px 4px 4px 4px rgb(254, 180,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 41.123, 331.525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 180, 241) }
```

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

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