

Converting Colors

CIELCh(83, 35.009, 322.902)

Have a look what the booklet for
CIELCh(83, 35.009, 322.902)
contains.

CIELCh(83, 34.932, 322.682)	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(83, 34.932, 322.682)

Conversions

Conversions Part 1

Format	Color
Hex	F1BEF7
RGB	241, 190, 247
RGB Percent	95%, 75%, 97%
CMY	0.0554, 0.2553, 0.0318
CMYK	0.02, 0.23, 0.00, 0.03
HSL	294°, 78%, 86%
HSV	294°, 23%, 97%
XYZ	71.3911, 62.1629, 96.1323
YIQ	211.7470, 12.0990, 28.5390

Conversions

Conversions Part 2

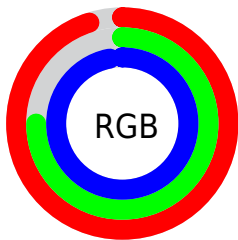
Format	Color
R _Y B	241, 190, 247
Decimal	15843063
CIE Lab	83.00, 27.78, -21.18
CIE LCh	83, 34.932, 322.682
Yxy	62.1629, 0.3108, 0.2706
Android (android.graphics.Color)	4294033143 (0xFFFF1BEF7)
YUV	211.7470, 17.3797, 25.6549
Hunter-Lab	78.8435, 23.6519, -17.1007

Details

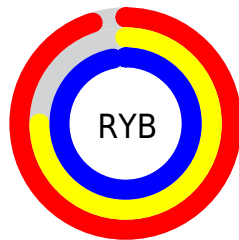
The CIELCh color $83, 34.932, 322.682$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $93, 34.741, 140.243$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 4.981, 324.553$, and $63, 35.197, 322.280$ is the 20% darker color. If you saturate the color by 10%, you get $77, 50.039, 323.156$, and if you desaturate by 10%, it is $89, 19.710, 322.189$.

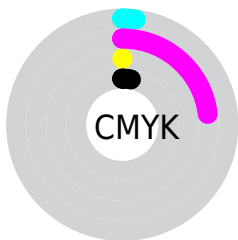
Distribution



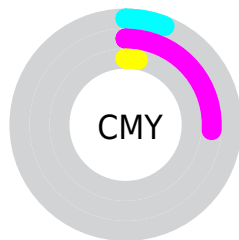
- Red (95%)
- Green (75%)
- Blue (97%)



- Red (95%)
- Yellow (75%)
- Blue (97%)



- Cyan (2%)
- Magenta (23%)
- Yellow (0%)
- Black (3%)





- Cyan (6%)
- Magenta (26%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 34.932, 322.682 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 83, 34.932, 322.682 by changing the saturation by 10% instead.


 83, 34.932,
322.682


 83, 34.932,
322.682


 100, 34.932,
322.682


 73, 34.932,
322.682

 63, 34.932,
322.682

 53, 34.932,
322.682

 43, 34.932,
322.682

 33, 34.932,
322.682

 23, 34.932,
322.682

 13, 34.932,

322.682

■ 3, 34.932, 322.682

■ 0, 34.932, 322.682

■ 83, 34.932,
322.682

■ 83, 34.932,
322.682

■ 77, 50.039,
323.156

■ 89, 19.710,
322.189

■ 72, 64.690,
323.593

■ 95, 4.615, 321.656

■ 67, 78.408,
323.968

■ 99, 4.699, 138.082

■ 63, 90.596,
324.253

■ 100, 4.329,
127.496

■ 59, 100.604,

■ 100, 4.132,
115.373

324.416

100, 4.107,
109.852

56, 107.867,
324.429

55, 112.113,
324.274

54, 113.606,
324.085

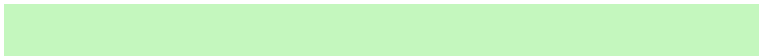
Harmonies

Complementary

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



83, 34.932, 322.682



93, 34.741, 140.243

Rectangle

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



83, 34.932, 322.682



83, 34.932, 12.682



83, 34.932, 142.682



83, 34.932, 192.682

Sweetspot

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



83, 34.929, 322.682



95, 10.779, 321.880



80, 26.849, 287.913



50, 7.007, 321.911



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 34.929, 322.682



82, 43.516, 322.921



83, 27.616, 339.675



48, 8.482, 322.007



41, 91.890, 324.155



9, 40.801, 324.681

Inverse Universe

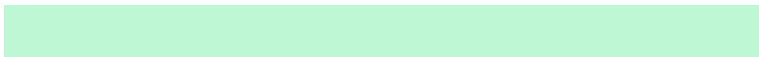
The Inverse Universe completely reimagines the original color for something new.



82, 21.870, 12.949



81, 27.643, 13.594



93, 27.191, 155.959



48, 5.119, 11.457



39, 78.056, 35.595



8, 30.411, 20.744

Previews

White Background



This preview shows how the CIELCh color 83, 34.932, 322.682 looks on a white background.

Color Contrast Check

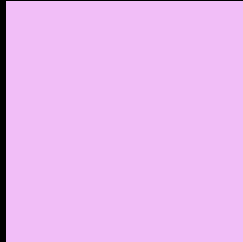
Large Text (above 18pt) WCAG AA × Fail

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 83, 34.932, 322.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

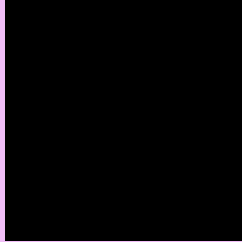
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 34.932, 322.682

Background



This preview shows how black text looks on a background with the CIELCh color 83, 34.932, 322.682.



This preview shows how white text looks on a background with the CIELCh color 83, 34.932, 322.682.

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

83, 34.932, 322.682

Protanopia

83, 26.548, 285.451

Deuteranopia

83, 22.939, 297.996



Tritanopia
83, 16.951, 351.007

Trichromacy



Original Color
83, 34.932, 322.682

Protanomaly
83, 27.912, 300.698

Deuteranomaly
83, 26.709, 309.277

Tritanomaly
83, 22.771, 335.384

Monochromacy



Original Color
83, 34.932, 322.682

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 13.045, 322.285

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 34.932, 322.682 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(241, 190, 247)` looks like.

```
.text, #text, p{  
    color:rgb(241, 190, 247)  
}
```

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(241, 190, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 190, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 34.932, 322.682 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(241, 190, 247) }
```

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

```
.border{ border-color:rgb(241, 190, 247) }
```

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

Here you see how a box with a 4 pixel rgb(241, 190, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 190, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 190, 247);  
box-shadow:4px 4px 4px 4px rgb(241, 190,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 34.932, 322.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 190, 247) }
```

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

```
.background{ background-color: rgb(241,  
190, 247) }
```

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