

Converting Colors

CIELCh(100, 82.924, 15.137)

Have a look what the booklet for
CIELCh(100, 82.924, 15.137)
contains.

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Color

CIELCh(82, 32.281, 347.509)

Conversions

Conversions Part 1

Format	Color
Hex	FFB7DA
RGB	255, 183, 218
RGB Percent	100%, 72%, 85%
CMY	0.0000, 0.2829, 0.1456
CMYK	0.00, 0.28, 0.15, 0.00
HSL	331°, 100%, 86%
HSV	331°, 28%, 100%
XYZ	71.1209, 60.2982, 74.1343
YIQ	208.5180, 31.6770, 26.1490

Conversions

Conversions Part 2

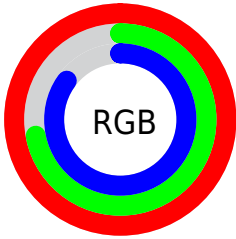
Format	Color
R _Y B	255, 183, 218
Decimal	16758746
CIE Lab	82.00, 31.52, -6.98
CIE LCh	82, 32.281, 347.509
Yxy	60.2982, 0.3460, 0.2933
Android (android.graphics.Color)	4294948826 (0xFFFFB7DA)
YUV	208.5180, 4.6746, 40.7647
Hunter-Lab	77.6519, 27.5961, -2.2478

Details

The CIELCh color $82, 32.281, 347.509$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $95, 30.812, 161.792$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 9.351, 324.734$, and $62, 31.990, 346.941$ is the 20% darker color. If you saturate the color by 10%, you get $76, 43.367, 348.336$, and if you desaturate by 10%, it is $88, 20.537, 346.064$.

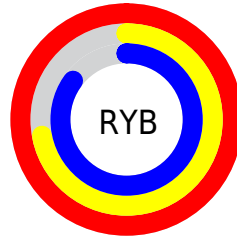
Distribution



Red (100%)

Green (72%)

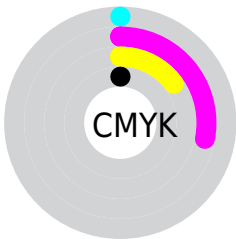
Blue (85%)



Red (100%)

Yellow (72%)

Blue (85%)

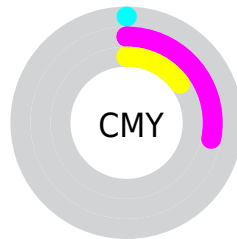


Cyan (0%)

Magenta (28%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 32.281, 347.509 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, 32.281, 347.509 by changing the saturation by 10% instead.


 82, 32.281,
347.509


 82, 32.281,
347.509


 100, 32.281,
347.509


 72, 32.281,
347.509

 62, 32.281,
347.509

 52, 32.281,
347.509

 42, 32.281,
347.509

 32, 32.281,
347.509

 22, 32.281,
347.509

 12, 32.281,

347.509

■ 2, 32.281, 347.509

■ 0, 32.281, 347.509

■ 82, 32.281,
347.509

■ 82, 32.281,
347.509

■ 76, 43.367,
348.336

■ 88, 20.537,
346.064

■ 71, 54.262,
349.748

■ 95, 9.201, 345.099

■ 66, 64.197,
351.440

100, 0.012,
296.813

■ 62, 72.583,
353.522

■ 58, 78.854,

356.140

■ 56, 82.682,
359.465

■ 55, 84.292, 3.620

■ 55, 84.499, 4.376

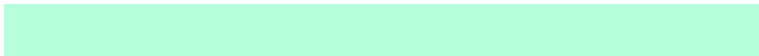
Harmonies

Complementary

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



82, 32.281, 347.509



95, 30.812, 161.792

Rectangle

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



82, 32.281, 347.509



82, 32.281, 37.509



82, 32.281, 167.509



82, 32.281, 217.509

Sweetspot

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



82, 32.005, 347.126



95, 8.877, 345.071



80, 40.471, 310.452



50, 6.321, 345.214



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, 32.005, 347.126



78, 38.527, 347.796



81, 28.143, 21.740



50, 6.321, 345.214



41, 68.116, 3.515



10, 31.738, 357.688

Inverse Universe

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



82, 32.005, 347.126



78, 38.527, 347.796



95, 23.172, 197.989



50, 6.321, 345.214



41, 68.116, 3.515



10, 31.738, 357.688

Previews

White Background



This preview shows how the CIELCh color 82, 32.281, 347.509 looks on a white background.

Color Contrast Check

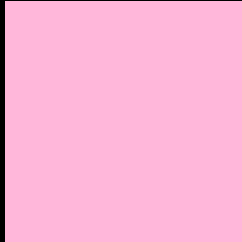
Large Text (above 18pt) WCAG AA × Fail

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, 32.281, 347.509 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, 32.281, 347.509

Background



This preview shows how black text looks on a background with the CIELCh color 82, 32.281, 347.509.



This preview shows how white text looks on a background with the CIELCh color 82, 32.281, 347.509.

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, 31.959, 347.077

Protanopia
82, 14.330, 287.306

Deuteranopia
82, 11.831, 330.762



Tritanopia
82, 26.272, 5.462

Trichromacy



Original Color
82, 31.959, 347.077



Protanomaly
82, 18.123, 319.388



Deuteranomaly
82, 19.328, 339.963

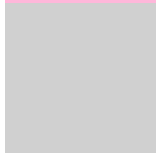


Tritanomaly
82, 28.090, 357.609

Monochromacy



Original Color
82, 31.959, 347.077



Achromatopsia
83, 0.010, 296.813



Achromatomaly
83, 11.748, 344.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 32.281, 347.509 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(255, 183, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 218)  
}
```

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(255, 183, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 32.281, 347.509 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(255, 183, 218) }
```

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

```
.border{ border-color:rgb(255, 183, 218) }
```

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

Here you see how a box with a 4 pixel rgb(255, 183, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 32.281, 347.509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 218) }
```

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

```
.background{ background-color: rgb(255,  
183, 218) }
```

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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