

Converting Colors

CIELCh(93, 70.146, 355.567)

Have a look what the booklet for
CIELCh(93, 70.146, 355.567)
contains.

CIELCh(82, 45.950, 328.745)	3
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Color

CIELCh(82, 45.950, 328.745)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2F9
RGB	255, 178, 249
RGB Percent	100%, 70%, 98%
CMY	0.0000, 0.3010, 0.0224
CMYK	0.00, 0.30, 0.02, 0.00
HSL	304°, 100%, 85%
HSV	304°, 30%, 100%
XYZ	74.8331, 60.2982, 97.5519
YIQ	209.1170, 23.1010, 38.4050

Conversions

Conversions Part 2

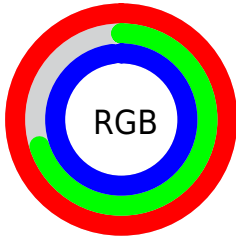
Format	Color
R _Y B	255, 178, 249
Decimal	16757497
CIE _{Lab}	82.00, 39.28, -23.84
CIE _{LCh}	82, 45.950, 328.745
Y _{xy}	60.2982, 0.3216, 0.2591
Android (android.graphics.Color)	4294947577 (0xFFFFB2F9)
Y _{UV}	209.1170, 19.6623, 40.2394
Hunter-Lab	77.6519, 36.1295, -20.1280

Details

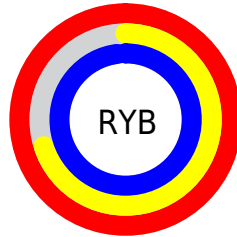
The CIELCh color $82, 45.950, 328.745$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $94, 45.689, 144.326$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $95, 12.482, 324.851$, and $62, 45.601, 328.424$ is the 20% darker color. If you saturate the color by 10%, you get $76, 60.364, 328.810$, and if you desaturate by 10%, it is $88, 30.568, 327.659$.

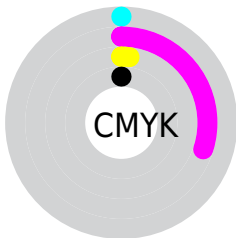
Distribution



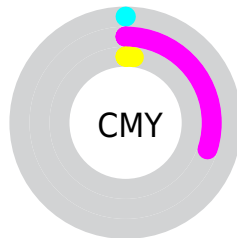
- Red (100%)
- Green (70%)
- Blue (98%)



- Red (100%)
- Yellow (70%)
- Blue (98%)



- Cyan (0%)
- Magenta (30%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 45.950, 328.745 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, 45.950, 328.745 by changing the saturation by 10% instead.


 82, 45.950,
328.745


 82, 45.950,
328.745


 100, 45.950,
328.745


 72, 45.950,
328.745

 62, 45.950,
328.745

 52, 45.950,
328.745

 42, 45.950,
328.745

 32, 45.950,
328.745

 22, 45.950,
328.745

 12, 45.950,

328.745

■ 2, 45.950, 328.745

■ 0, 45.950, 328.745

■ 82, 45.950,
328.745

■ 82, 45.950,
328.745

■ 76, 60.364,
328.810

■ 88, 30.568,
327.659

■ 72, 74.047,
329.356

■ 94, 15.305,
327.068

■ 67, 86.164,
329.866

100, 0.167,
324.539

■ 64, 96.077,
330.334

100, 0.012,
296.813

■ 62, 103.241,

330.758

■ 60, 107.386,
331.144

■ 59, 108.888,
331.503

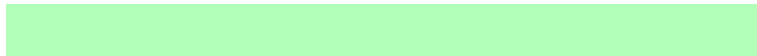
Harmonies

Complementary

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



82, 45.950, 328.745



94, 45.689, 144.326

Rectangle

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



82, 45.950, 328.745



82, 45.950, 18.745



82, 45.950, 148.745



82, 45.950, 198.745

Sweetspot

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



82, 45.708, 328.242



94, 13.623, 327.002



76, 41.518, 296.109



49, 9.474, 327.089



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, 45.708, 328.242



79, 54.435, 328.579



81, 33.100, 350.462



50, 8.608, 327.032



45, 87.792, 331.442



12, 40.674, 331.028

Inverse Universe

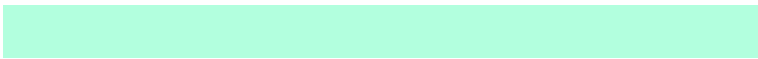
The Inverse Universe completely reimagines the original color for something new.



82, 45.708, 328.242



79, 54.435, 328.579



94, 31.430, 164.473



50, 8.608, 327.032



45, 87.792, 331.442



12, 40.674, 331.028

Previews

White Background



This preview shows how the CIELCh color 82, 45.950, 328.745 looks on a white background.

Color Contrast Check

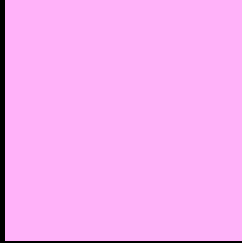
Large Text (above 18pt) WCAG AA × Fail

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, 45.950, 328.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

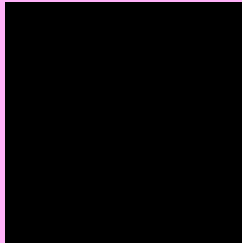
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 45.950, 328.745

Background



This preview shows how black text looks on a background with the CIELCh color 82, 45.950, 328.745.

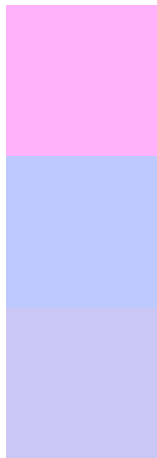


This preview shows how white text looks on a background with the CIELCh color 82, 45.950, 328.745.

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, 45.736, 328.355

Protanopia
82, 28.252, 284.790

Deuteranopia
82, 24.497, 295.398



Tritanopia
82, 24.531, 2.796

Trichromacy



Original Color
82, 45.736, 328.355



Protanomaly
82, 32.780, 305.096



Deuteranomaly
82, 31.693, 311.942

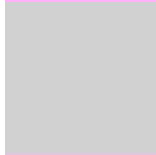


Tritanomaly
82, 30.475, 344.860

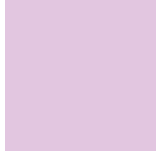
Monochromacy



Original Color
82, 45.736, 328.355



Achromatopsia
84, 0.010, 296.813



Achromatomaly
83, 17.070, 327.111

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 45.950, 328.745 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, 178, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 249)  
}
```

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, 178, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 249) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 45.950, 328.745 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, 178, 249) }
```

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

```
.border{ border-color:rgb(255, 178, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
249) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 45.950, 328.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 249) }
```

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

```
.background{ background-color: rgb(255,  
178, 249) }
```

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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