

Converting Colors

CIELCh(80, 53.524, 326.768)

Have a look what the booklet for
CIELCh(80, 53.524, 326.768)
contains.

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Color

CIELCh(80, 53.297, 326.600)

Conversions

Conversions Part 1

Format	Color
Hex	FFA9FE
RGB	255, 169, 254
RGB Percent	100%, 66%, 100%
CMY	0.0007, 0.3379, 0.0046
CMYK	0.00, 0.34, 0.00, 0.00
HSL	301°, 100%, 83%
HSV	301°, 34%, 100%
XYZ	73.1887, 56.6813, 100.6962
YIQ	204.4040, 23.9710, 44.6670

Conversions

Conversions Part 2

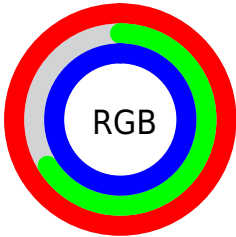
Format	Color
R _Y B	255, 169, 254
Decimal	16755198
CIE _{Lab}	80.00, 44.49, -29.34
CIE _{LCh}	80, 53.297, 326.600
Yxy	56.6813, 0.3174, 0.2458
Android (android.graphics.Color)	4294945278 (0xFFFFA9FE)
YUV	204.4040, 24.4508, 44.3727
Hunter-Lab	75.2870, 41.7728, -26.5993

Details

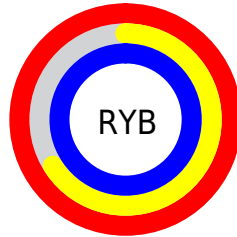
The CIELCh color $80, 53.297, 326.600$ is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be $93, 53.335, 142.276$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $93, 18.763, 325.076$, and $60, 53.336, 326.643$ is the 20% darker color. If you saturate the color by 10%, you get $75, 68.251, 327.108$, and if you desaturate by 10%, it is $86, 37.656, 326.060$.

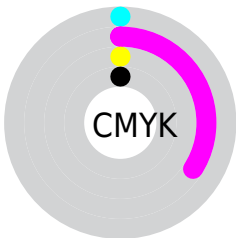
Distribution



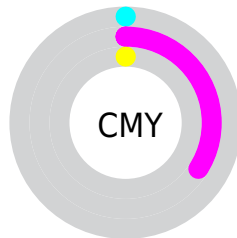
- Red (100%)
- Green (66%)
- Blue (100%)



- Red (100%)
- Yellow (66%)
- Blue (100%)



- Cyan (0%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 53.297, 326.600 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 80, 53.297, 326.600 by changing the saturation by 10% instead.


 80, 53.297,
326.600

 80, 53.297,
326.600


 100, 53.297,
326.600


 70, 53.297,
326.600

 60, 53.297,
326.600

 50, 53.297,
326.600

 40, 53.297,
326.600


 30, 53.297,
326.600


 20, 53.297,
326.600


 10, 53.297,


326.600


 0, 53.297, 326.600


 80, 53.297,
326.600


 80, 53.297,
326.600

 75, 68.251,
327.108


 86, 37.656,
326.060

 70, 81.985,
327.566


 91, 21.755,
325.501

 67, 93.875,
327.960

 98, 5.894, 324.906

 64, 103.310,
328.275

100, 0.063,
209.965

 62, 109.849,
328.504

■ 60,113.397,
328.649

■ 60,114.439,
328.708

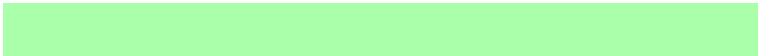
Harmonies

Complementary

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



80, 53.297, 326.600



93, 53.335, 142.276

Rectangle

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



80, 53.297, 326.600



80, 53.297, 16.600



80, 53.297, 146.600



80, 53.297, 196.600

Sweetspot

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



80, 53.294, 326.600



94, 15.810, 325.287



72, 46.830, 294.530



49, 10.794, 325.368



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 53.294, 326.600



77, 62.800, 326.922



79, 38.538, 346.910



50, 8.986, 325.258



45, 92.239, 328.700



12, 42.481, 328.643

Inverse Universe

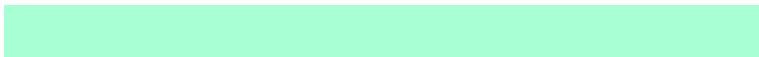
The Inverse Universe completely reimagines the original color for something new.



80, 53.294, 326.600



77, 62.800, 326.922



94, 36.972, 160.404



50, 8.986, 325.258



45, 92.239, 328.700



12, 42.481, 328.643

Previews

White Background



This preview shows how the CIELCh color 80, 53.297, 326.600 looks on a white background.

Color Contrast Check

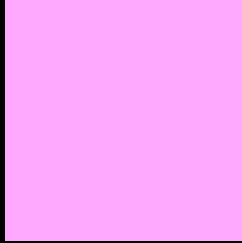
Large Text (above 18pt) WCAG AA × Fail

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 80, 53.297, 326.600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

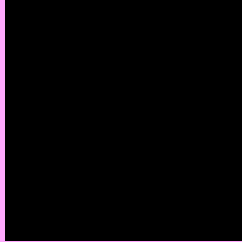
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 53.297, 326.600

Background



This preview shows how black text looks on a background with the CIELCh color 80, 53.297, 326.600.




This preview shows how white text looks on a background with the CIELCh color 80, 53.297, 326.600.

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





Tritanopia
80, 26.029, 5.253

Trichromacy



Original Color
80, 53.297, 326.600



Protanomaly
80, 37.163, 304.402



Deuteranomaly
80, 36.783, 308.820

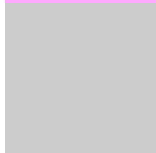


Tritanomaly
80, 33.504, 344.475

Monochromacy



Original Color
80, 53.297, 326.600



Achromatopsia
82, 0.010, 296.813



Achromatomaly
81, 19.922, 325.194

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 53.297, 326.600 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, 169, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 254)  
}
```

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, 169, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 53.297, 326.600 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, 169, 254) }
```

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

```
.border{ border-color:rgb(255, 169, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 53.297, 326.600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 254) }
```

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

```
.background{ background-color: rgb(255,  
169, 254) }
```

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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