

Converting Colors

CIELCh(91, 73.550, 352.880)

Have a look what the booklet for
CIELCh(91, 73.550, 352.880)
contains.

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Color

CIELCh(80, 51.863, 328.304)

Conversions

Conversions Part 1

Format	Color
Hex	FFA9FA
RGB	255, 169, 250
RGB Percent	100%, 66%, 98%
CMY	0.0000, 0.3376, 0.0198
CMYK	0.00, 0.34, 0.02, 0.00
HSL	304°, 100%, 83%
HSV	304°, 34%, 100%
XYZ	73.0128, 56.6813, 97.4914
YIQ	203.9480, 25.2550, 43.4230

Conversions

Conversions Part 2

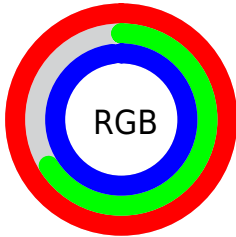
Format	Color
R _Y B	255, 169, 250
Decimal	16755194
CIE Lab	80.00, 44.13, -27.25
CIE LCh	80, 51.863, 328.304
Yxy	56.6813, 0.3214, 0.2495
Android (android.graphics.Color)	4294945274 (0xFFFFA9FA)
YUV	203.9480, 22.7036, 44.7726
Hunter-Lab	75.2870, 41.3559, -24.0755

Details

The CIELCh color **80, 51.863, 328.304** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **93, 51.717, 143.541**, 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, 51.630, 328.067** is the 20% darker color. If you saturate the color by 10%, you get **75, 66.206, 328.518**, and if you desaturate by 10%, it is **86, 36.526, 327.403**.

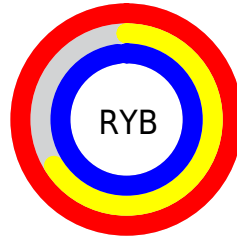
Distribution



Red (100%)

Green (66%)

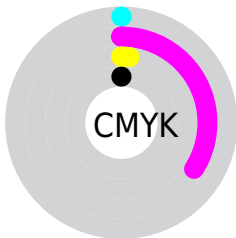
Blue (98%)



Red (100%)

Yellow (66%)

Blue (98%)

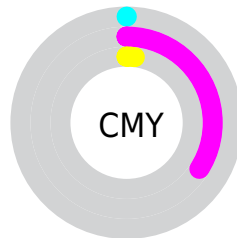


Cyan (0%)

Magenta (34%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 51.863, 328.304 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, 51.863, 328.304 by changing the saturation by 10% instead.


 80, 51.863,
328.304


 80, 51.863,
328.304


 100, 51.863,
328.304


 70, 51.863,
328.304

 60, 51.863,
328.304

 50, 51.863,
328.304

 40, 51.863,
328.304


 30, 51.863,
328.304


 20, 51.863,
328.304


 10, 51.863,


328.304


 0, 51.863, 328.304


 80, 51.863,
328.304


 80, 51.863,
328.304

 75, 66.206,
328.518


 86, 36.526,
327.403

 70, 79.527,
329.031


 91, 21.111,
326.824

 66, 91.036,
329.499

 98, 5.740, 326.212

 63, 100.112,
329.914

100, 0.012,
296.813

 61, 106.296,
330.274

■ 60,109.472,
330.586

■ 59,110.269,
330.765

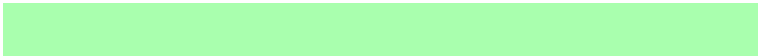
Harmonies

Complementary

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



80, 51.863, 328.304



93, 51.717, 143.541

Rectangle

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



80, 51.863, 328.304



80, 51.863, 18.304



80, 51.863, 148.304



80, 51.863, 198.304

Sweetspot

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



80, 51.695, 327.971



94, 15.310, 326.602



73, 46.909, 296.100



49, 10.453, 326.685



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, 51.695, 327.971



76, 62.292, 328.370



79, 37.513, 349.895



50, 8.702, 326.573



45, 88.887, 330.719



12, 41.120, 330.403

Inverse Universe

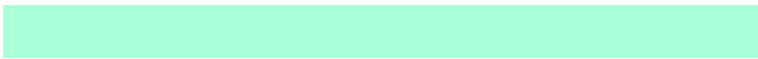
The Inverse Universe completely reimagines the original color for something new.



80, 51.695, 327.971



76, 62.292, 328.370



94, 35.562, 163.100



50, 8.702, 326.573



45, 88.887, 330.719



12, 41.120, 330.403

Previews

White Background



This preview shows how the CIELCh color 80, 51.863, 328.304 looks on a white background.

Color Contrast Check

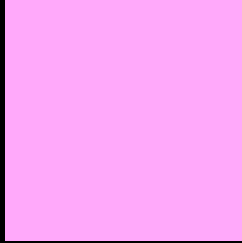
Large Text (above 18pt) WCAG AA × Fail

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, 51.863, 328.304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

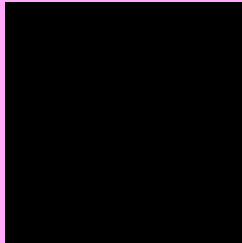
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 51.863, 328.304

Background



This preview shows how black text looks on a background with the CIELCh color 80, 51.863, 328.304.




This preview shows how white text looks on a background with the CIELCh color 80, 51.863, 328.304.

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, 26.798, 5.819

Trichromacy



Original Color
80, 51.659, 327.953



Protanomaly
79, 36.742, 305.061



Deuteranomaly
80, 34.856, 310.279



Tritanomaly
80, 33.824, 346.082

Monochromacy



Original Color
80, 51.659, 327.953



Achromatopsia
82, 0.010, 296.813



Achromatomaly
81, 19.696, 326.963

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 51.863, 328.304 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 250)  
}
```

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, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 51.863, 328.304 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, 250) }
```

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

```
.border{ border-color:rgb(255, 169, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 51.863, 328.304 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, 250) }
```

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

```
.background{ background-color: rgb(255,  
169, 250) }
```

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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