

Converting Colors

CIELCh(82, 53.089, 334.411)

Have a look what the booklet for
CIELCh(82, 53.089, 334.411)
contains.

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Color

CIELCh(80, 49.632, 328.682)

Conversions

Conversions Part 1

Format	Color
Hex	FEAAF7
RGB	254, 170, 247
RGB Percent	100%, 67%, 97%
CMY	0.0031, 0.3323, 0.0305
CMYK	0.00, 0.33, 0.03, 0.00
HSL	305°, 98%, 83%
HSV	305°, 33%, 100%
XYZ	72.1898, 56.6813, 95.3058
YIQ	203.8940, 25.3470, 41.7550

Conversions

Conversions Part 2

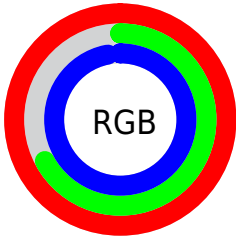
Format	Color
RYB	254, 170, 247
Decimal	16689911
CIELab	80.00, 42.40, -25.80
CIELCh	80, 49.632, 328.682
Yxy	56.6813, 0.3220, 0.2528
Android (android.graphics.Color)	4294879991 (0xFFFEAAF7)
YUV	203.8940, 21.2513, 43.9430
Hunter-Lab	75.2870, 39.4045, -22.3544

Details

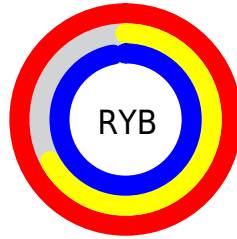
The CIELCh color $80, 49.632, 328.682$ is a light color, and the websafe version is hex FF99FF . A complement of this color would be $93, 49.625, 144.304$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $93, 18.134, 325.054$, and $60, 49.592, 328.834$ is the 20% darker color. If you saturate the color by 10%, you get $75, 63.938, 329.254$, and if you desaturate by 10%, it is $86, 34.713, 328.097$.

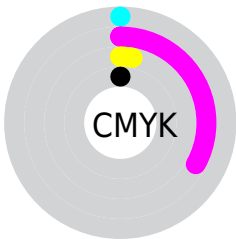
Distribution



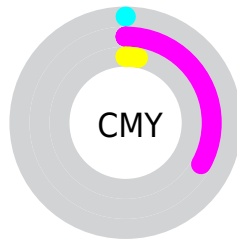
- Red (100%)
- Green (67%)
- Blue (97%)



- Red (100%)
- Yellow (67%)
- Blue (97%)



- Cyan (0%)
- Magenta (33%)
- Yellow (3%)
- Black (0%)




- Cyan (0%)
- Magenta (33%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 49.632, 328.682 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 80, 49.632, 328.682 by changing the saturation by 10% instead.

 80, 49.632,
328.682

 80, 49.632,
328.682

 100, 49.632,
328.682

 70, 49.632,
328.682

 60, 49.632,
328.682

 50, 49.632,
328.682

 40, 49.632,
328.682


 30, 49.632,
328.682

 20, 49.632,
328.682


 10, 49.632,


328.682


 0, 49.632, 328.682


 80, 49.632,
328.682


 80, 49.632,
328.682

 75, 63.938,
329.254


 86, 34.713,
328.097

 70, 77.121,
329.801


 92, 19.584,
327.504

 66, 88.563,
330.315

 98, 4.520, 326.869

 63, 97.637,
330.792

100, 0.277,
201.777

 61, 103.856,
331.231

■ 59,107.064,
331.644

■ 59,107.868,
331.926

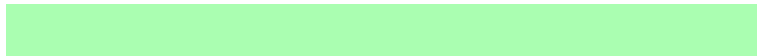
Harmonies

Complementary

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



80, 49.632, 328.682



93, 49.625, 144.304

Rectangle

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



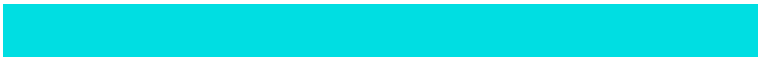
80, 49.632, 328.682



80, 49.632, 18.682



80, 49.632, 148.682



80, 49.632, 198.682

Sweetspot

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



80, 49.629, 328.682



94, 15.053, 327.323



73, 45.706, 296.519



49, 10.278, 327.408



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, 49.629, 328.682



77, 59.858, 329.083



79, 36.265, 350.832



50, 8.556, 327.293



45, 87.187, 331.857



12, 40.427, 331.386

Inverse Universe

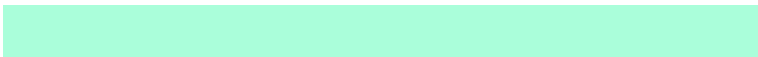
The Inverse Universe completely reimagines the original color for something new.



80, 49.629, 328.682



77, 59.858, 329.083



94, 34.269, 164.135



50, 8.556, 327.293



45, 87.187, 331.857



12, 40.427, 331.386

Previews

White Background



This preview shows how the CIELCh color 80, 49.632, 328.682 looks on a white background.

Color Contrast Check

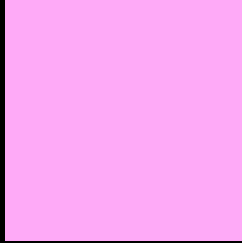
Large Text (above 18pt) WCAG AA × Fail

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 80, 49.632, 328.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

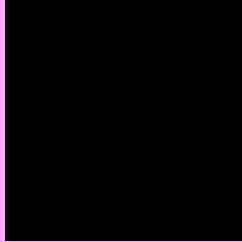
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 49.632, 328.682

Background



This preview shows how black text looks on a background with the CIELCh color 80, 49.632, 328.682.



This preview shows how white text looks on a background with the CIELCh color 80, 49.632, 328.682.

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

80, 49.665, 328.689

Protanopia

80, 31.067, 284.705

Deuteranopia

80, 26.170, 293.918



Tritanopia
80, 25.935, 6.391

Trichromacy



Original Color
80, 49.665, 328.689



Protanomaly
80, 35.611, 304.846



Deuteranomaly
80, 33.954, 311.359

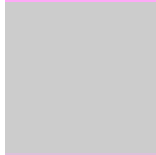


Tritanomaly
80, 32.674, 346.776

Monochromacy



Original Color
80, 49.665, 328.689



Achromatopsia
82, 0.010, 296.813



Achromatomaly
81, 18.421, 327.036

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 49.632, 328.682 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(254, 170, 247)` looks like.

```
.text, #text, p{  
    color:rgb(254, 170, 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(254, 170, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 170, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 49.632, 328.682 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(254, 170, 247) }
```

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

```
.border{ border-color:rgb(254, 170, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 170, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 170, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 170, 247);  
box-shadow:4px 4px 4px 4px rgb(254, 170,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 49.632, 328.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 170, 247) }
```

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

```
.background{ background-color: rgb(254,  
170, 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](#).

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