

Converting Colors

CIELCh(72, 77.614, 326.365)

Have a look what the booklet for
CIELCh(72, 77.614, 326.365)
contains.

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Color

CIELCh(72, 77.175, 326.579)

Conversions

Conversions Part 1

Format	Color
Hex	FD80FF
RGB	253, 128, 255
RGB Percent	99%, 50%, 100%
CMY	0.0069, 0.4971, 0.0000
CMYK	0.01, 0.50, 0.00, 0.00
HSL	299°, 100%, 75%
HSV	299°, 50%, 100%
XYZ	66.4305, 43.6590, 99.7301
YIQ	179.8530, 33.7330, 65.9970

Conversions

Conversions Part 2

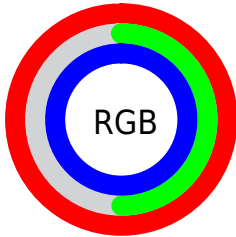
Format	Color
R _Y B	253, 128, 255
Decimal	16613631
CIE Lab	72.00, 64.41, -42.51
CIE LCh	72, 77.175, 326.579
Yxy	43.6590, 0.3166, 0.2081
Android (android.graphics.Color)	4294803711 (0xFFFD80FF)
YUV	179.8530, 37.0475, 64.1499
Hunter-Lab	66.0750, 63.8293, -43.2368

Details

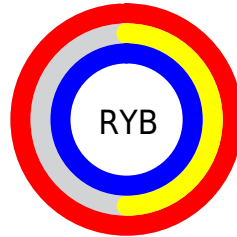
The CIELCh color $72, 77.175, 326.579$ is a light color, and the websafe version is hex FF66FF . A complement of this color would be $91, 77.404, 140.056$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $84, 43.869, 325.944$, and $52, 77.483, 326.587$ is the 20% darker color. If you saturate the color by 10%, you get $68, 89.929, 327.024$, and if you desaturate by 10%, it is $77, 62.658, 326.173$.

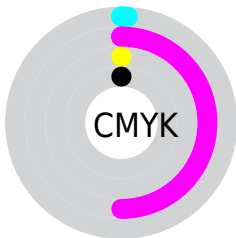
Distribution



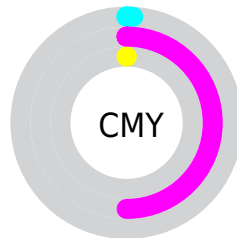
- Red (99%)
- Green (50%)
- Blue (100%)



- Red (99%)
- Yellow (50%)
- Blue (100%)



- Cyan (1%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (50%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 77.175, 326.579 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 72, 77.175, 326.579 by changing the saturation by 10% instead.


 72, 77.175,
326.579

 72, 77.175,
326.579


 100, 77.175,
326.579


 62, 77.175,
326.579


 92, 77.175,
326.579

 52, 77.175,
326.579

 42, 77.175,
326.579

 32, 77.175,
326.579

 22, 77.175,
326.579

 12, 77.175,
326.579

 2, 77.175, 326.579

■ 0, 77.175, 326.579

■ 72, 77.175,
326.579

■ 72, 77.175,
326.579

■ 68, 89.929,
327.024

■ 77, 62.658,
326.173

■ 64, 100.577,
327.334

■ 82, 47.268,
325.668

■ 62, 108.481,
327.545

■ 88, 31.396,
325.134

■ 60, 113.371,
327.654

■ 94, 15.409,
324.581

■ 60, 115.587,
327.673

■ 100, 0.012,
296.813

■ 60, 115.636,
327.673

Harmonies

Complementary

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



72, 77.175, 326.579



91, 77.404, 140.056

Rectangle

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



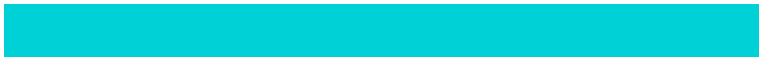
72, 77.175, 326.579



72, 77.175, 16.579



72, 77.175, 146.579



72, 77.175, 196.579

Sweetspot

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



72, 77.077, 326.632



91, 23.857, 324.876



60, 70.147, 296.940



47, 16.288, 324.992



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 77.077, 326.632



68, 90.267, 327.035



70, 56.658, 348.039



50, 9.018, 324.569



45, 93.137, 327.683



12, 42.844, 327.749

Inverse Universe

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



68, 52.910, 24.198



63, 65.367, 26.723



92, 53.972, 157.497



49, 5.252, 18.820



40, 83.597, 39.452



10, 33.252, 26.624

Previews

White Background



This preview shows how the CIELCh color 72, 77.175, 326.579 looks on a white background.

Color Contrast Check

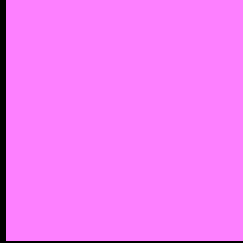
Large Text (above 18pt) WCAG AA × Fail

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 72, 77.175, 326.579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

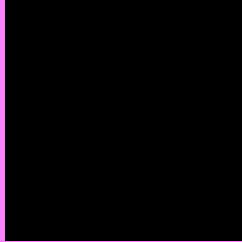
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 77.175, 326.579

Background



This preview shows how black text looks on a background with the CIELCh color 72, 77.175, 326.579.

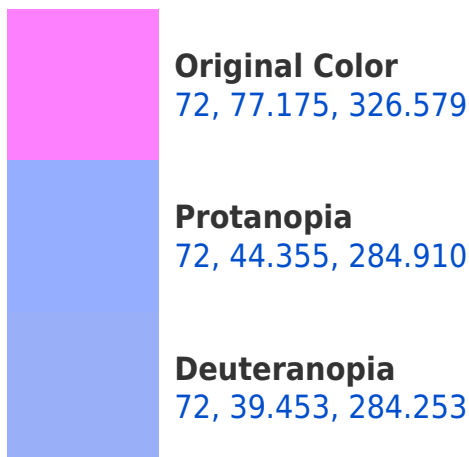


This preview shows how white text looks on a background with the CIELCh color 72, 77.175, 326.579.

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
72, 36.510, 13.856

Trichromacy



Original Color
72, 77.175, 326.579



Protanomaly
71, 54.507, 304.783



Deuteranomaly
71, 51.359, 305.634



Tritanomaly
72, 46.733, 347.065

Monochromacy



Original Color
72, 77.175, 326.579



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 30.008, 325.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 77.175, 326.579 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(253, 128, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 128, 255)  
}
```

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(253, 128, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 128, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 77.175, 326.579 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(253, 128, 255) }
```

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

```
.border{ border-color:rgb(253, 128, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 128, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 128, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 128, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 128,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 77.175, 326.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 128, 255) }
```

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

```
.background{ background-color: rgb(253,  
128, 255) }
```

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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