

Converting Colors

CIELCh(72, 75.571, 325.236)

Have a look what the booklet for
CIELCh(72, 75.571, 325.236)
contains.

CIELCh(72, 75.100, 325.544)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 75.100, 325.544)

Conversions

Conversions Part 1

Format	Color
Hex	F983FF
RGB	249, 131, 255
RGB Percent	98%, 51%, 100%
CMY	0.0230, 0.4858, 0.0000
CMYK	0.02, 0.49, 0.00, 0.00
HSL	297°, 100%, 76%
HSV	297°, 49%, 100%
XYZ	65.3188, 43.6590, 99.7033
YIQ	180.4180, 30.5240, 63.5800

Conversions

Conversions Part 2

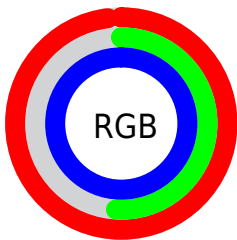
Format	Color
R_{YB}	249, 131, 255
Decimal	16352255
CIE _{Lab}	72.00, 61.92, -42.49
CIE _{LCh}	72, 75.100, 325.544
Yxy	43.6590, 0.3130, 0.2092
Android (android.graphics.Color)	4294542335 (0xFFFF983FF)
YUV	180.4180, 36.7689, 60.1464
Hunter-Lab	66.0750, 60.8259, -43.2127

Details

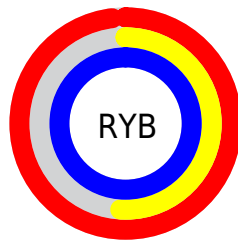
The CIELCh color **72, 75.100, 325.544** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91, 75.078, 139.495**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 42.626, 325.902**, and **52, 75.335, 325.473** is the 20% darker color. If you saturate the color by 10%, you get **68, 88.182, 325.945**, and if you desaturate by 10%, it is **77, 60.481, 325.133**.

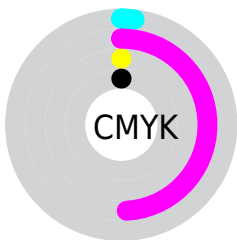
Distribution



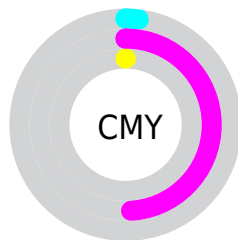
- Red (98%)
- Green (51%)
- Blue (100%)



- Red (98%)
- Yellow (51%)
- Blue (100%)



- Cyan (2%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 75.100, 325.544 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, 75.100, 325.544 by changing the saturation by 10% instead.


 72, 75.100,
325.544


 72, 75.100,
325.544


 100, 75.100,
325.544


 62, 75.100,
325.544


 92, 75.100,
325.544

 52, 75.100,
325.544

 42, 75.100,
325.544

 32, 75.100,
325.544

 22, 75.100,
325.544

 12, 75.100,
325.544

 2, 75.100, 325.544

■ 0, 75.100, 325.544

■ 72, 75.100,
325.544

■ 72, 75.100,
325.544

■ 68, 88.182,
325.945

■ 77, 60.481,
325.133

■ 64, 99.256,
326.223

■ 83, 45.077,
324.646

■ 61, 107.669,
326.390

■ 88, 29.290,
324.130

■ 59, 113.065,
326.431

■ 95, 13.455,
323.596

■ 58, 115.603,
326.353

■ 100, 0.012,
296.813

■ 58, 115.858,
326.338

Harmonies

Complementary

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



72, 75.100, 325.544



91, 75.078, 139.495

Rectangle

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



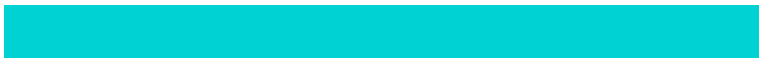
72, 75.100, 325.544



72, 75.100, 15.544



72, 75.100, 145.544



72, 75.100, 195.544

Sweetspot

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



72, 75.042, 325.574



91, 23.619, 323.942



62, 65.868, 295.454



47, 16.128, 324.053



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, 75.042, 325.574



68, 87.476, 325.926



71, 56.492, 345.908



50, 8.925, 323.647



44, 93.312, 326.370



12, 42.912, 326.592

Inverse Universe

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



69, 51.044, 21.523



64, 62.138, 23.813



92, 54.365, 156.031



49, 5.257, 16.113



40, 82.222, 38.200



10, 32.985, 25.277

Previews

White Background



This preview shows how the CIELCh color 72, 75.100, 325.544 looks on a white background.

Color Contrast Check

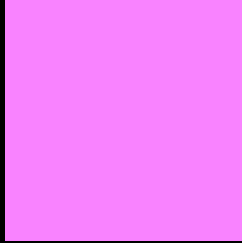
Large Text (above 18pt) WCAG AA × Fail

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, 75.100, 325.544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

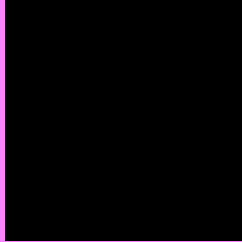
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 75.100, 325.544

Background



This preview shows how black text looks on a background with the CIELCh color 72, 75.100, 325.544.



This preview shows how white text looks on a background with the CIELCh color 72, 75.100, 325.544.

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

72, 75.100, 325.544

Protanopia

72, 44.355, 284.910

Deuteranopia

72, 39.492, 283.846



Tritanopia
72, 34.055, 12.882

Trichromacy



Original Color
72, 75.100, 325.544



Protanomaly
71, 53.811, 303.862



Deuteranomaly
71, 50.645, 304.655

Tritanomaly
72, 44.755, 345.599

Monochromacy



Original Color
72, 75.100, 325.544



Achromatopsia
74, 0.009, 296.813



Achromatomaly
72, 28.958, 324.360

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 75.100, 325.544 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(249, 131, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 131, 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(249, 131, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 131, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 75.100, 325.544 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(249, 131, 255) }
```

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

```
.border{ border-color:rgb(249, 131, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 131, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 131, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 131, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 131,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 75.100, 325.544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 131, 255) }
```

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

```
.background{ background-color: rgb(249,  
131, 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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