

Converting Colors

CIELCh(72, 52.047, 327.561)

Have a look what the booklet for
CIELCh(72, 52.047, 327.561)
contains.

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Color

CIELCh(72, 52.244, 327.771)

Conversions

Conversions Part 1

Format	Color
Hex	E893E4
RGB	232, 147, 228
RGB Percent	91%, 58%, 89%
CMY	0.0899, 0.4233, 0.1056
CMYK	0.00, 0.37, 0.02, 0.09
HSL	303°, 65%, 74%
HSV	303°, 37%, 91%
XYZ	57.7568, 43.6590, 78.8294
YIQ	181.6490, 24.6590, 43.2110

Conversions

Conversions Part 2

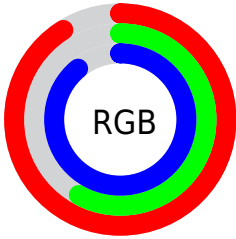
Format	Color
R _Y B	232, 147, 228
Decimal	15242212
CIE Lab	72.00, 44.19, -27.86
CIE LCh	72, 52.244, 327.771
Yxy	43.6590, 0.3204, 0.2422
Android (android.graphics.Color)	4293432292 (0xFFE893E4)
YUV	181.6490, 22.8510, 44.1578
Hunter-Lab	66.0750, 40.3975, -24.4822

Details

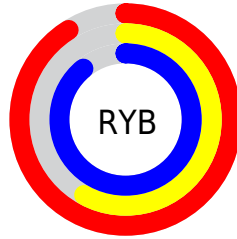
The CIELCh color **72, 52.244, 327.771** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **85, 52.302, 142.961**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 33.240, 325.581**, and **52, 52.188, 327.930** is the 20% darker color. If you saturate the color by 10%, you get **67, 65.546, 328.296**, and if you desaturate by 10%, it is **77, 38.204, 327.219**.

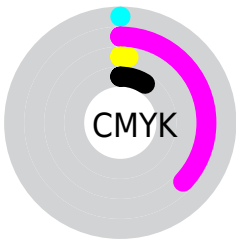
Distribution



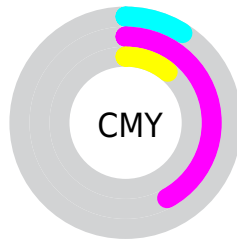
- Red (91%)
- Green (58%)
- Blue (89%)



- Red (91%)
- Yellow (58%)
- Blue (89%)



- Cyan (0%)
- Magenta (37%)
- Yellow (2%)
- Black (9%)





- Cyan (9%)
- Magenta (42%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 52.244, 327.771 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, 52.244, 327.771 by changing the saturation by 10% instead.


 72, 52.244,
327.771


 72, 52.244,
327.771


 100, 52.244,
327.771


 62, 52.244,
327.771


 92, 52.244,
327.771

 52, 52.244,
327.771

 42, 52.244,
327.771

 32, 52.244,
327.771

 22, 52.244,
327.771

 12, 52.244,
327.771

 2, 52.244, 327.771

■ 0, 52.244, 327.771

■ 72, 52.244,
327.771

■ 72, 52.244,
327.771

■ 67, 65.546,
328.296

■ 77, 38.204,
327.219

■ 63, 77.600,
328.781

■ 83, 23.843,
326.651

■ 60, 87.823,
329.213

■ 88, 9.457, 326.066

■ 57, 95.673,
329.584

■ 94, 4.754, 145.604

■ 56, 100.793,
329.893

■ 98, 13.687,
145.679

■ 55, 103.196,
330.148

■ 98, 13.238,
147.088

■ 98, 12.796,

■ 54, 103.661,
330.228

148.593

■ 98, 12.364,
150.202

■ 98, 11.941,
151.922

Harmonies

Complementary

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



72, 52.244, 327.771



85, 52.302, 142.961

Rectangle

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



72, 52.244, 327.771



72, 52.244, 17.771



72, 52.244, 147.771



72, 52.244, 197.771

Sweetspot

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



72, 52.241, 327.771



93, 16.985, 326.329



64, 47.407, 296.001



49, 11.420, 326.408



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 52.241, 327.771



75, 67.057, 328.173



71, 38.054, 349.223



46, 8.191, 326.236



43, 86.130, 330.194



9, 37.082, 329.895

Inverse Universe

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



72, 52.241, 327.771



75, 67.057, 328.173



86, 36.100, 161.857



46, 8.191, 326.236



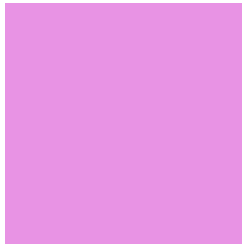
43, 86.130, 330.194



9, 37.082, 329.895

Previews

White Background



This preview shows how the CIELCh color 72, 52.244, 327.771 looks on a white background.

Color Contrast Check

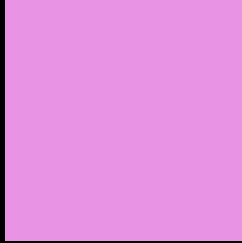
Large Text (above 18pt) WCAG AA × Fail

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, 52.244, 327.771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

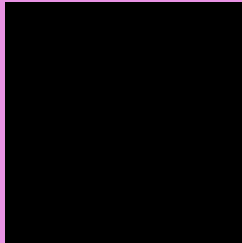
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 52.244, 327.771

Background



This preview shows how black text looks on a background with the CIELCh color 72, 52.244, 327.771.



This preview shows how white text looks on a background with the CIELCh color 72, 52.244, 327.771.

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, 52.244, 327.771

Protanopia

72, 41.011, 285.659

Deuteranopia

72, 27.247, 290.701



Tritanopia
72, 26.463, 7.885

Trichromacy



Original Color
72, 52.244, 327.771



Protanomaly
71, 42.578, 301.825



Deuteranomaly
72, 34.847, 309.557



Tritanomaly
72, 33.543, 346.293

Monochromacy



Original Color
72, 52.244, 327.771



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 19.888, 326.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 52.244, 327.771 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(232, 147, 228)` looks like.

```
.text, #text, p{  
    color:rgb(232, 147, 228)  
}
```

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(232, 147, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 147, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 52.244, 327.771 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(232, 147, 228) }
```

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

```
.border{ border-color:rgb(232, 147, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 147, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 147, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 147, 228);  
box-shadow:4px 4px 4px 4px rgb(232, 147,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 52.244, 327.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 147, 228) }
```

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

```
.background{ background-color: rgb(232,  
147, 228) }
```

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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