

Converting Colors

CIELCh(71, 53.103, 327.764)

Have a look what the booklet for
CIELCh(71, 53.103, 327.764)
contains.

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Color

CIELCh(71, 52.925, 327.794)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E690E2 |
| RGB | 230, 144, 226 |
| RGB Percent | 90%, 56%, 89% |
| CMY | 0.0986, 0.4358, 0.1143 |
| CMYK | 0.00, 0.37, 0.02, 0.10 |
| HSL | 303°, 63%, 73% |
| HSV | 303°, 37%, 90% |
| XYZ | 56.2470, 42.1875, 77.0275 |
| YIQ | 179.0620, 24.9340, 43.7340 |

Conversions

Conversions Part 2

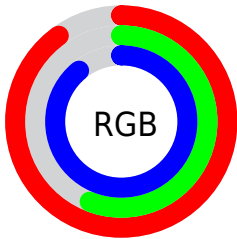
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 230, 144, 226 |
| Decimal | 15110370 |
| CIE Lab | 71.00, 44.78, -28.21 |
| CIE LCh | 71, 52.925, 327.794 |
| Yxy | 42.1875, 0.3206, 0.2404 |
| Android (android.graphics.Color) | 4293300450 (0xFFE690E2) |
| YUV | 179.0620, 23.1404, 44.6726 |
| Hunter-Lab | 64.9519, 40.9114, -24.8466 |

Details

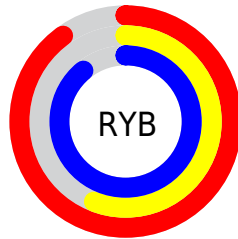
The CIELCh color $71, 52.925, 327.794$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $84, 52.994, 142.869$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 35.124, 325.645$, and $51, 52.856, 327.969$ is the 20% darker color. If you saturate the color by 10%, you get $66, 66.054, 328.316$, and if you desaturate by 10%, it is $76, 39.028, 327.244$.

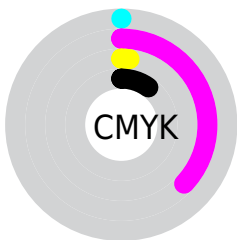
Distribution



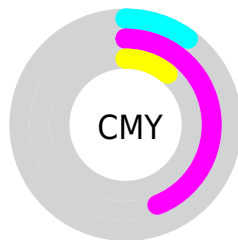
- Red (90%)
- Green (56%)
- Blue (89%)



- Red (90%)
- Yellow (56%)
- Blue (89%)



- Cyan (0%)
- Magenta (37%)
- Yellow (2%)
- Black (10%)





- Cyan (10%)
- Magenta (44%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 52.925, 327.794 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 71, 52.925, 327.794 by changing the saturation by 10% instead.


 71, 52.925,
327.794


 71, 52.925,
327.794


 100, 52.925,
327.794


 61, 52.925,
327.794


 91, 52.925,
327.794

 51, 52.925,
327.794

 41, 52.925,
327.794

 31, 52.925,
327.794

 21, 52.925,
327.794

 11, 52.925,
327.794

 1, 52.925, 327.794

0, 52.925, 327.794

71, 52.925,
327.794

71, 52.925,
327.794

66, 66.054,
328.316

76, 39.028,
327.244

62, 77.903,
328.796

81, 24.785,
326.677

59, 87.893,
329.222

87, 10.498,
326.096

57, 95.494,
329.587

93, 3.627, 145.650

55, 100.374,
329.889

98, 15.124,
145.330

54, 102.604,
330.139

98, 14.683,
146.563

■ 54, 102.966,
330.200

■ 98, 14.248,
147.871

■ 98, 13.820,
149.258

■ 98, 13.400,
150.730

Harmonies

Complementary

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



71, 52.925, 327.794



84, 52.994, 142.869

Rectangle

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



71, 52.925, 327.794



71, 52.925, 17.794



71, 52.925, 147.794



71, 52.925, 197.794

Sweetspot

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



71, 52.922, 327.794



93, 16.992, 326.312



63, 48.121, 296.125



49, 11.425, 326.391



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 52.922, 327.794



74, 68.488, 328.207



70, 38.562, 349.322



45, 8.048, 326.218



42, 85.272, 330.166



8, 35.985, 329.855

Inverse Universe

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



71, 52.922, 327.794



74, 68.488, 328.207



85, 36.547, 161.764



45, 8.048, 326.218



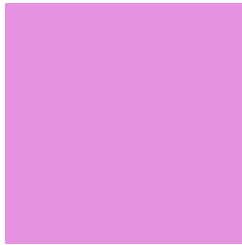
42, 85.272, 330.166



8, 35.985, 329.855

Previews

White Background



This preview shows how the CIELCh color 71, 52.925, 327.794 looks on a white background.

Color Contrast Check

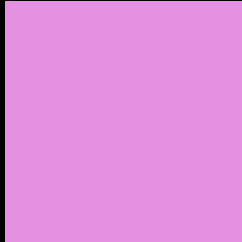
Large Text (above 18pt) WCAG AA × Fail

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 71, 52.925, 327.794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

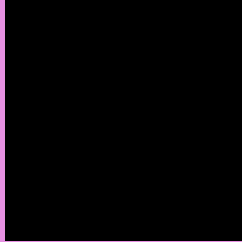
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 52.925, 327.794

Background



This preview shows how black text looks on a background with the CIELCh color 71, 52.925, 327.794.



This preview shows how white text looks on a background with the CIELCh color 71, 52.925, 327.794.

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
71, 26.552, 7.940

Trichromacy



Original Color
71, 52.925, 327.794



Protanomaly
71, 42.665, 301.850



Deuteranomaly
71, 35.467, 309.338

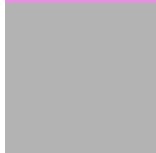


Tritanomaly
71, 33.629, 346.339

Monochromacy



Original Color
71, 52.925, 327.794



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 19.946, 326.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 52.925, 327.794 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(230, 144, 226)` looks like.

```
.text, #text, p{  
    color:rgb(230, 144, 226)  
}
```

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(230, 144, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 144, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 52.925, 327.794 is called "border". The border property can be set on classes, ids or directly on the HTML element.

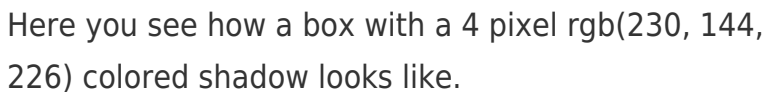
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 144, 226) }
```

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

```
.border{ border-color:rgb(230, 144, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(230, 144, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 144, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 144, 226);  
box-shadow:4px 4px 4px 4px rgb(230, 144,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 52.925, 327.794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 144, 226) }
```

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

```
.background{ background-color: rgb(230,  
144, 226) }
```

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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