

Converting Colors

CIELCh(71, 54.359, 326.577)

Have a look what the booklet for
CIELCh(71, 54.359, 326.577)
contains.

CIELCh(71, 54.020, 326.439)	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(71, 54.020, 326.439)

Conversions

Conversions Part 1

Format	Color
Hex	E590E5
RGB	229, 144, 229
RGB Percent	90%, 56%, 90%
CMY	0.1025, 0.4358, 0.1025
CMYK	0.00, 0.37, 0.00, 0.10
HSL	300°, 62%, 73%
HSV	300°, 37%, 90%
XYZ	56.3407, 42.1875, 79.1954
YIQ	179.1050, 23.3750, 44.4550

Conversions

Conversions Part 2

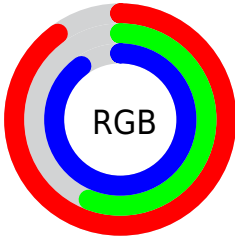
Format	Color
R _Y B	229, 144, 229
Decimal	15044837
CIE _{Lab}	71.00, 45.01, -29.86
CIE _{LCh}	71, 54.020, 326.439
Y _{xy}	42.1875, 0.3170, 0.2374
Android (android.graphics.Color)	4293234917 (0xFFE590E5)
YUV	179.1050, 24.5982, 43.7579
Hunter-Lab	64.9519, 41.1689, -26.8255

Details

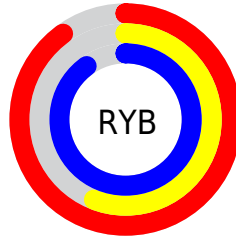
The CIELCh color **71, 54.020, 326.439** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **84, 54.093, 141.670**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 35.124, 325.645**, and **51, 54.024, 326.530** is the 20% darker color. If you saturate the color by 10%, you get **66, 67.533, 326.920**, and if you desaturate by 10%, it is **76, 39.729, 325.918**.

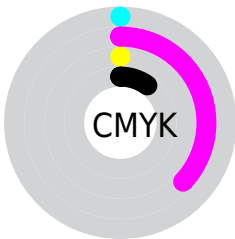
Distribution



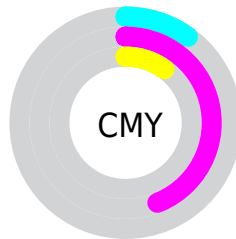
- Red (90%)
- Green (56%)
- Blue (90%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 54.020, 326.439 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, 54.020, 326.439 by changing the saturation by 10% instead.


 71, 54.020,
326.439

 71, 54.020,
326.439


 100, 54.020,
326.439


 61, 54.020,
326.439


 91, 54.020,
326.439

 51, 54.020,
326.439

 41, 54.020,
326.439

 31, 54.020,
326.439

 21, 54.020,
326.439

 11, 54.020,
326.439

 1, 54.020, 326.439

0, 54.020, 326.439

71, 54.020,
326.439

71, 54.020,
326.439

66, 67.533,
326.920

76, 39.729,
325.918

63, 79.756,
327.345

81, 25.086,
325.372

59, 90.115,
327.695

87, 10.398,
324.806

57, 98.088,
327.959

93, 4.123, 144.356

55, 103.358,
328.131

98, 16.317,
143.846

54, 105.989,
328.216

98, 16.317,
143.845

■ 54, 106.491,
328.232

■ 98, 16.317,
143.845

■ 98, 16.317,
143.844

■ 98, 16.317,
143.844

Harmonies

Complementary

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



71, 54.020, 326.439



84, 54.093, 141.670

Rectangle

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



71, 54.020, 326.439



71, 54.020, 16.439



71, 54.020, 146.439



71, 54.020, 196.439

Sweetspot

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



71, 54.017, 326.439



93, 17.537, 325.032



63, 46.709, 294.457



49, 11.791, 325.109



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, 54.017, 326.439



74, 70.638, 326.834



70, 39.236, 346.332



45, 8.306, 324.940



42, 88.428, 328.232



9, 37.108, 328.232

Inverse Universe

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



68, 34.924, 22.893



71, 47.454, 24.249



85, 37.666, 159.173



45, 4.817, 19.933



37, 79.983, 39.971



6, 27.105, 21.757

Previews

White Background



This preview shows how the CIELCh color 71, 54.020, 326.439 looks on a white background.

Color Contrast Check

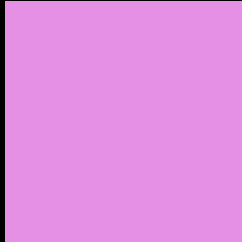
Large Text (above 18pt) WCAG AA × Fail

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, 54.020, 326.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

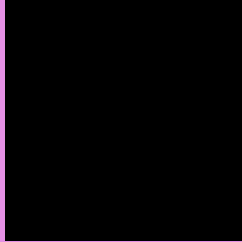
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 54.020, 326.439

Background



This preview shows how black text looks on a background with the CIELCh color 71, 54.020, 326.439.



This preview shows how white text looks on a background with the CIELCh color 71, 54.020, 326.439.

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

71, 54.020, 326.439

Protanopia

71, 42.785, 285.131

Deuteranopia

71, 28.963, 289.099



Tritanopia
71, 26.166, 7.680

Trichromacy



Original Color
71, 54.020, 326.439



Protanomaly
71, 44.198, 300.827



Deuteranomaly
71, 36.863, 307.642

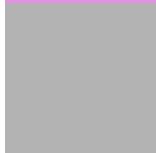


Tritanomaly
71, 33.616, 345.128

Monochromacy



Original Color
71, 54.020, 326.439



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 20.386, 325.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 54.020, 326.439 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(229, 144, 229)` looks like.

```
.text, #text, p{  
    color:rgb(229, 144, 229)  
}
```

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(229, 144, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 144, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 54.020, 326.439 is called "border". The border property can be set on classes, ids or directly on the HTML element.

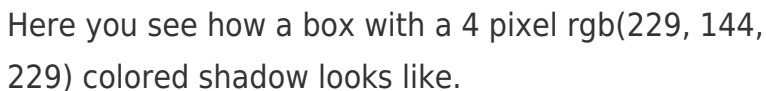
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(229, 144, 229) }
```

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

```
.border{ border-color:rgb(229, 144, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(229, 144, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 144, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 144, 229); box-shadow:4px 4px 4px 4px rgb(229, 144, 229) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 54.020, 326.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 144, 229) }
```

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

```
.background{ background-color: rgb(229,  
144, 229) }
```

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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