

Converting Colors

CIELCh(43, 73.026, 325.536)

Have a look what the booklet for
CIELCh(43, 73.026, 325.536)
contains.

CIELCh(43, 72.939, 325.568)	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(43, 72.939, 325.568)

Conversions

Conversions Part 1

Format	Color
Hex	A334AB
RGB	163, 52, 171
RGB Percent	64%, 20%, 67%
CMY	0.3612, 0.7965, 0.3298
CMYK	0.05, 0.70, 0.00, 0.33
HSL	296°, 53%, 44%
HSV	296°, 70%, 67%
XYZ	23.6465, 13.1578, 39.7711
YIQ	98.7550, 27.9570, 60.5410

Conversions

Conversions Part 2

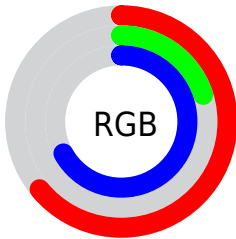
Format	Color
R_{YB}	163, 52, 171
Decimal	10695851
CIE _{Lab}	43.00, 60.16, -41.24
CIE _{LCh}	43, 72.939, 325.568
Yxy	13.1578, 0.3088, 0.1718
Android (android.graphics.Color)	4288885931 (0xFFA334AB)
YUV	98.7550, 35.6168, 56.3429
Hunter-Lab	36.2736, 52.8840, -39.6151

Details

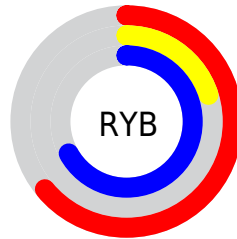
The CIELCh color **43, 72.939, 325.568** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **62, 73.519, 137.247**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 73.094, 325.619**, and **25, 65.769, 324.748** is the 20% darker color. If you saturate the color by 10%, you get **41, 79.263, 325.710**, and if you desaturate by 10%, it is **46, 64.779, 325.312**.

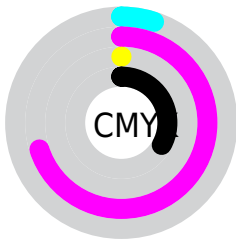
Distribution



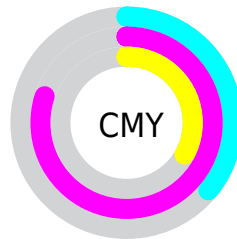
- Red (64%)
- Green (20%)
- Blue (67%)



- Red (64%)
- Yellow (20%)
- Blue (67%)



- Cyan (5%)
- Magenta (70%)
- Yellow (0%)
- Black (33%)



- Cyan (36%)
- Magenta (80%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 72.939, 325.568 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 43, 72.939, 325.568 by changing the saturation by 10% instead.

 43, 72.939,
325.568

 43, 72.939,
325.568

 100, 72.939,
325.568

 33, 72.939,
325.568

 63, 72.939,
325.568

 23, 72.939,
325.568

 73, 72.939,
325.568

 13, 72.939,
325.568

 83, 72.939,
325.568

 3, 72.939, 325.568

 93, 72.939,
325.568

 0, 72.939, 325.568

 43, 72.939,

 43, 72.939,

325.568

41, 79.263,
325.710

39, 83.473,
325.722

38, 85.873,
325.623

38, 85.954,
325.619

325.568

46, 64.779,
325.312

49, 55.213,
324.963

53, 44.686,
324.546

57, 33.592,
324.082

61, 22.241,
323.592

66, 10.859,
323.084

70, 0.400, 143.149

75, 11.438,
142.145

■ 80, 22.198,
141.672

Harmonies

Complementary

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



43, 72.939, 325.568



62, 73.519, 137.247

Rectangle

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



43, 72.939, 325.568



43, 72.939, 15.568



43, 72.939, 145.568



43, 72.939, 195.568

Sweetspot

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



43, 72.937, 325.568



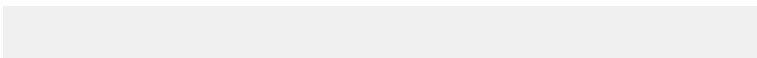
77, 29.426, 323.678



32, 68.006, 298.752



39, 20.086, 323.810



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



43, 72.937, 325.568



52, 99.615, 325.734



42, 56.079, 346.888



34, 6.455, 323.067



34, 78.258, 325.645



2, 13.435, 321.787

Inverse Universe

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



40, 54.040, 25.441



48, 80.139, 31.541



62, 55.403, 151.465



34, 3.827, 14.466



31, 67.577, 36.693



2, 7.835, 14.848

Previews

White Background



This preview shows how the CIELCh color 43, 72.939, 325.568 looks on a white background.

Color Contrast Check

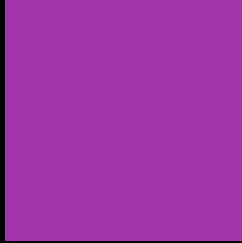
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 43, 72.939, 325.568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

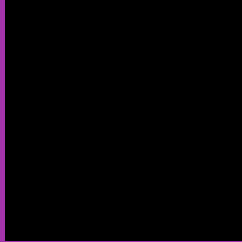
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 72.939, 325.568

Background



This preview shows how black text looks on a background with the CIELCh color 43, 72.939, 325.568.

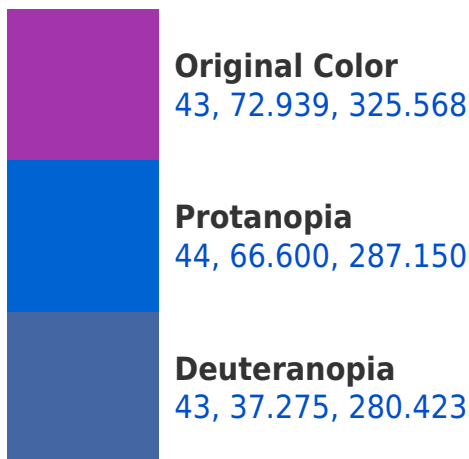


This preview shows how white text looks on a background with the CIELCh color 43, 72.939, 325.568.

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
43, 32.657, 18.412

Trichromacy



Original Color
43, 72.939, 325.568

Protanomaly
39, 68.920, 295.523

Deuteranomaly
41, 49.973, 303.475

Tritanomaly
43, 42.776, 347.208

Monochromacy



Original Color
43, 72.939, 325.568

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 30.139, 324.190

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 72.939, 325.568 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(163, 52, 171)` looks like.

```
.text, #text, p{  
    color:rgb(163, 52, 171)  
}
```

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(163, 52, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 52, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 72.939, 325.568 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(163, 52, 171) }
```

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

```
.border{ border-color:rgb(163, 52, 171) }
```

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

Here you see how a box with a 4 pixel rgb(163, 52, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 52, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 52, 171);  
box-shadow:4px 4px 4px 4px rgb(163, 52,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 72.939, 325.568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 52, 171) }
```

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

```
.background{ background-color: rgb(163, 52,  
171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor