

Converting Colors

CIELCh(43, 74.728, 327.010)

Have a look what the booklet for
CIELCh(43, 74.728, 327.010)
contains.

CIELCh(43, 74.723, 327.012)	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, 74.723, 327.012)

Conversions

Conversions Part 1

Format	Color
Hex	A72FAA
RGB	167, 47, 170
RGB Percent	65%, 18%, 67%
CMY	0.3450, 0.8155, 0.3332
CMYK	0.02, 0.72, 0.00, 0.33
HSL	299°, 57%, 43%
HSV	299°, 72%, 67%
XYZ	24.2188, 13.1578, 39.3074
YIQ	96.9020, 32.0370, 63.6930

Conversions

Conversions Part 2

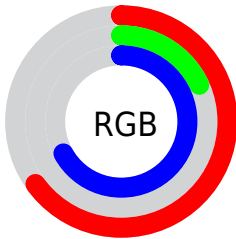
Format	Color
RYB	167, 47, 170
Decimal	10956714
CIELab	43.00, 62.68, -40.68
CIElCh	43, 74.723, 327.012
Yxy	13.1578, 0.3158, 0.1716
Android (android.graphics.Color)	4289146794 (0xFFA72FAA)
YUV	96.9020, 36.0373, 61.4759
Hunter-Lab	36.2736, 55.7000, -38.8572

Details

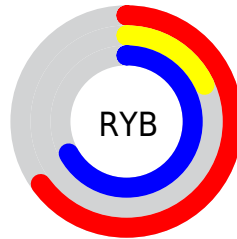
The CIELCh color **43, 74.723, 327.012** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **61, 75.920, 137.644**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 74.686, 326.948**, and **26, 65.163, 326.300** is the 20% darker color. If you saturate the color by 10%, you get **41, 80.307, 327.193**, and if you desaturate by 10%, it is **45, 67.192, 326.733**.

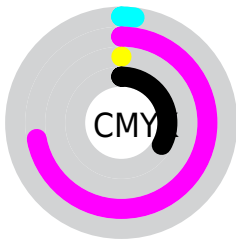
Distribution



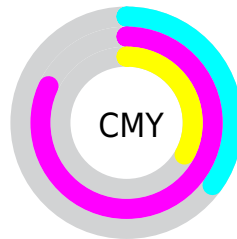
- Red (65%)
- Green (18%)
- Blue (67%)



- Red (65%)
- Yellow (18%)
- Blue (67%)



- Cyan (2%)
- Magenta (72%)
- Yellow (0%)
- Black (33%)




- Cyan (35%)
- Magenta (82%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 74.723, 327.012 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, 74.723, 327.012 by changing the saturation by 10% instead.


 43, 74.723,
327.012


 43, 74.723,
327.012


 100, 74.723,
327.012


 33, 74.723,
327.012

 63, 74.723,
327.012

 23, 74.723,
327.012

 73, 74.723,
327.012

 13, 74.723,
327.012

 83, 74.723,
327.012

 3, 74.723, 327.012

 93, 74.723,
327.012

 0, 74.723, 327.012

 43, 74.723,

 43, 74.723,

327.012

■ 41, 80.307,
327.193

■ 40, 83.771,
327.269

■ 40, 85.394,
327.277

327.012

■ 45, 67.192,
326.733

■ 48, 58.086,
326.369

■ 52, 47.841,
325.938

■ 56, 36.869,
325.460

■ 60, 25.517,
324.950

■ 64, 14.048,
324.422

■ 69, 2.645, 323.830

■ 73, 8.567, 143.427

■ 78, 19.514,
142.914

Harmonies

Complementary

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



43, 74.723, 327.012



61, 75.920, 137.644

Rectangle

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



43, 74.723, 327.012



43, 74.723, 17.012



43, 74.723, 147.012



43, 74.723, 197.012

Sweetspot

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



43, 74.721, 327.012



76, 31.209, 324.953



29, 74.547, 301.104



39, 21.139, 325.089



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, 74.721, 327.012



53, 100.877, 327.252



41, 55.861, 350.676



33, 6.381, 324.256



34, 77.076, 327.288



2, 11.545, 323.522

Inverse Universe

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



39, 57.163, 29.302



48, 84.823, 35.293



62, 54.366, 153.303



33, 3.723, 17.931



30, 68.155, 38.386



1, 6.578, 17.658

Previews

White Background



This preview shows how the CIELCh color 43, 74.723, 327.012 looks on a white background.

Color Contrast Check

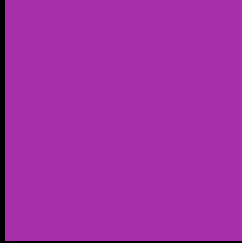
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.723, 327.012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

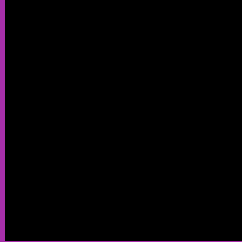
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 74.723, 327.012

Background



This preview shows how black text looks on a background with the CIELCh color 43, 74.723, 327.012.

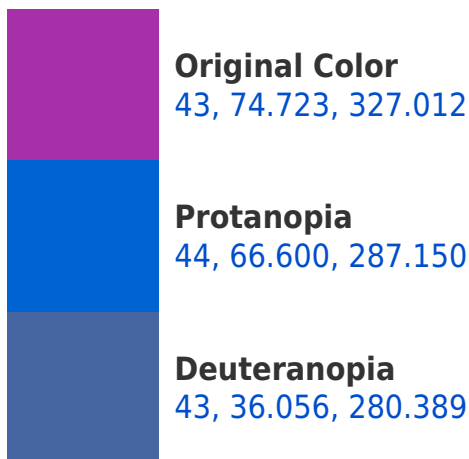


This preview shows how white text looks on a background with the CIELCh color 43, 74.723, 327.012.

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, 35.516, 20.380

Trichromacy



Original Color
43, 74.723, 327.012



Protanomaly
39, 69.617, 296.346



Deuteranomaly
41, 50.196, 304.946



Tritanomaly
43, 44.974, 349.515

Monochromacy



Original Color
43, 74.723, 327.012



Achromatopsia
41, 0.006, 296.813



Achromatomaly
40, 31.751, 325.019

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 74.723, 327.012 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(167, 47, 170)` looks like.

```
.text, #text, p{  
    color:rgb(167, 47, 170)  
}
```

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(167, 47, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 47, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 74.723, 327.012 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(167, 47, 170) }
```

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

```
.border{ border-color:rgb(167, 47, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 47, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 47, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 47, 170);  
box-shadow:4px 4px 4px 4px rgb(167, 47,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 74.723, 327.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 47, 170) }
```

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

```
.background{ background-color: rgb(167, 47,  
170) }
```

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