

Converting Colors

CIELCh(43, 72.684, 327.757)

Have a look what the booklet for
CIELCh(43, 72.684, 327.757)
contains.

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Color

CIELCh(43, 72.684, 327.757)

Conversions

Conversions Part 1

Format	Color
Hex	A731A7
RGB	167, 49, 167
RGB Percent	65%, 19%, 65%
CMY	0.3458, 0.8086, 0.3458
CMYK	0.00, 0.71, 0.00, 0.35
HSL	300°, 55%, 42%
HSV	300°, 71%, 65%
XYZ	23.9446, 13.1578, 37.7499
YIQ	97.7340, 32.4500, 61.7140

Conversions

Conversions Part 2

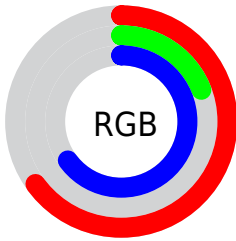
Format	Color
R _{YB}	167, 49, 167
Decimal	10957223
CIE _{Lab}	43.00, 61.48, -38.78
CIE _{LCh}	43, 72.684, 327.757
Yxy	13.1578, 0.3199, 0.1758
Android (android.graphics.Color)	4289147303 (0xFFA731A7)
YUV	97.7340, 34.1481, 60.7463
Hunter-Lab	36.2736, 54.3507, -36.3115

Details

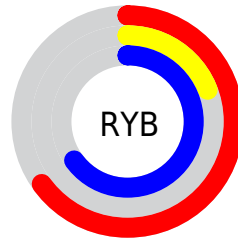
The CIELCh color **43, 72.684, 327.757** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **60, 73.966, 138.145**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 72.931, 327.669**, and **26, 63.875, 327.239** is the 20% darker color. If you saturate the color by 10%, you get **41, 78.438, 327.997**, and if you desaturate by 10%, it is **45, 65.051, 327.432**.

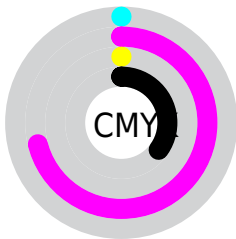
Distribution



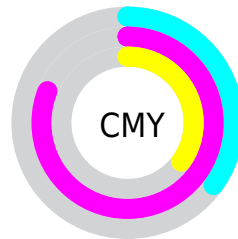
- Red (65%)
- Green (19%)
- Blue (65%)



- Red (65%)
- Yellow (19%)
- Blue (65%)



- Cyan (0%)
- Magenta (71%)
- Yellow (0%)
- Black (35%)




- Cyan (35%)
- Magenta (81%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 72.684, 327.757 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, 72.684, 327.757 by changing the saturation by 10% instead.


 43, 72.684,
327.757


 43, 72.684,
327.757


 100, 72.684,
327.757

 33, 72.684,
327.757

 63, 72.684,
327.757


 23, 72.684,
327.757

 73, 72.684,
327.757

 13, 72.684,
327.757

 83, 72.684,
327.757

 3, 72.684, 327.757

 93, 72.684,
327.757

 0, 72.684, 327.757

 43, 72.684,

 43, 72.684,

327.757

■ 41, 78.438,
327.997

■ 40, 82.128,
328.149

■ 40, 84.110,
328.229

327.757

■ 45, 65.051,
327.432

■ 48, 55.910,
327.033

■ 52, 45.681,
326.575

■ 55, 34.767,
326.074

■ 59, 23.499,
325.546

■ 64, 12.131,
325.000

■ 68, 0.844, 324.213

■ 73, 10.246,
143.974

■ 77, 21.066,
143.451

Harmonies

Complementary

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



43, 72.684, 327.757



60, 73.966, 138.145

Rectangle

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



43, 72.684, 327.757



43, 72.684, 17.757



43, 72.684, 147.757



43, 72.684, 197.757

Sweetspot

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



43, 72.682, 327.757



75, 29.436, 325.580



29, 72.935, 301.242



39, 20.083, 325.721



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



43, 72.682, 327.757



53, 98.240, 328.096



40, 53.826, 351.462



33, 6.429, 324.918



35, 76.993, 328.229



2, 11.672, 324.436

Inverse Universe

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



39, 55.681, 30.337



47, 82.783, 35.796



61, 51.826, 154.418



33, 3.724, 19.900



30, 69.024, 39.356



1, 6.572, 19.399

Previews

White Background



This preview shows how the CIELCh color 43, 72.684, 327.757 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 CIE LCh color 43, 72.684, 327.757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

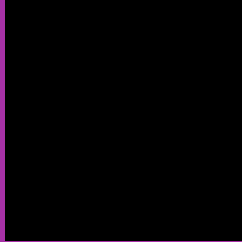
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 72.684, 327.757

Background



This preview shows how black text looks on a background with the CIELCh color 43, 72.684, 327.757.

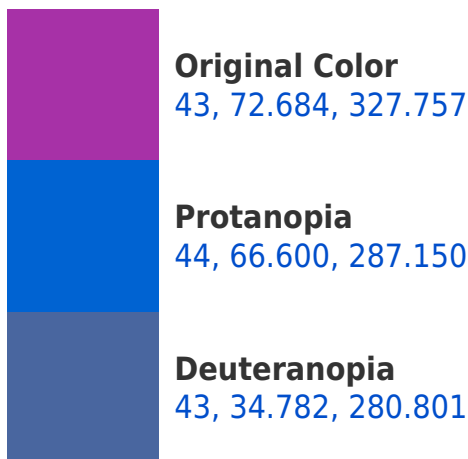


This preview shows how white text looks on a background with the CIELCh color 43, 72.684, 327.757.

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, 35.919, 19.647

Trichromacy



Original Color
43, 72.684, 327.757



Protanomaly
39, 68.399, 295.923



Deuteranomaly
41, 48.434, 305.514



Tritanomaly
42, 44.515, 350.881

Monochromacy



Original Color
43, 72.684, 327.757



Achromatopsia
42, 0.006, 296.813



Achromatomaly
40, 30.750, 326.244

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 72.684, 327.757 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, 49, 167)` looks like.

```
.text, #text, p{  
    color:rgb(167, 49, 167)  
}
```

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, 49, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 49, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 72.684, 327.757 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, 49, 167) }
```

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

```
.border{ border-color:rgb(167, 49, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 49, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 49, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 49, 167);  
box-shadow:4px 4px 4px 4px rgb(167, 49,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 72.684, 327.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 49, 167) }
```

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

```
.background{ background-color: rgb(167, 49,  
167) }
```

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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