

Converting Colors

CIELCh(43, 72.283, 327.748)

Have a look what the booklet for
CIELCh(43, 72.283, 327.748)
contains.

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Color

CIELCh(43, 72.221, 327.751)

Conversions

Conversions Part 1

Format	Color
Hex	A631A6
RGB	166, 49, 166
RGB Percent	65%, 19%, 65%
CMY	0.3473, 0.8060, 0.3474
CMYK	0.00, 0.70, 0.00, 0.35
HSL	300°, 54%, 42%
HSV	300°, 70%, 65%
XYZ	23.8547, 13.1578, 37.5563
YIQ	97.3210, 32.1750, 61.1910

Conversions

Conversions Part 2

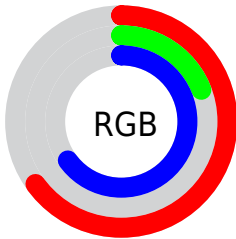
Format	Color
R _{YB}	166, 49, 166
Decimal	10891686
CIE _{Lab}	43.00, 61.08, -38.54
CIE _{LCh}	43, 72.221, 327.751
Y _{xy}	13.1578, 0.3199, 0.1765
Android (android.graphics.Color)	4289081766 (0xFFA631A6)
YUV	97.3210, 33.8587, 60.2315
Hunter-Lab	36.2736, 53.9083, -35.9951

Details

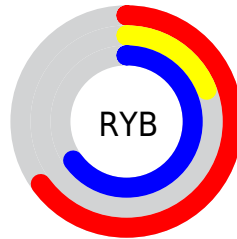
The CIELCh color **43, 72.221, 327.751** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **60, 73.470, 138.202**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 72.415, 327.663**, and **25, 63.476, 327.231** is the 20% darker color. If you saturate the color by 10%, you get **41, 78.061, 327.996**, and if you desaturate by 10%, it is **45, 64.522, 327.422**.

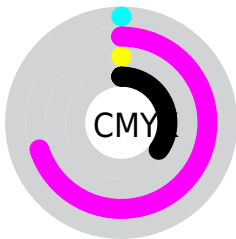
Distribution



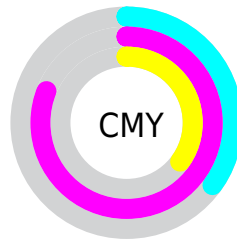
- Red (65%)
- Green (19%)
- Blue (65%)



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



- Cyan (0%)
- Magenta (70%)
- Yellow (0%)
- Black (35%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 72.221, 327.751 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, 72.221, 327.751 by changing the saturation by 10% instead.


 43, 72.221,
327.751


 43, 72.221,
327.751


 100, 72.221,
327.751


 33, 72.221,
327.751

 63, 72.221,
327.751


 23, 72.221,
327.751

 73, 72.221,
327.751

 13, 72.221,
327.751

 83, 72.221,
327.751

 3, 72.221, 327.751

 93, 72.221,
327.751

 0, 72.221, 327.751

 43, 72.221,

 43, 72.221,

327.751

41, 78.061,
327.996

40, 81.844,
328.153

39, 83.953,
328.239

327.751

45, 64.522,
327.422

48, 55.337,
327.019

52, 45.087,
326.559

56, 34.170,
326.056

60, 22.915,
325.527

64, 11.571,
324.980

68, 0.313, 323.742

73, 10.744,
143.955

■ 77, 21.528,
143.433

Harmonies

Complementary

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



43, 72.221, 327.751



60, 73.470, 138.202

Rectangle

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



43, 72.221, 327.751



43, 72.221, 17.751



43, 72.221, 147.751



43, 72.221, 197.751

Sweetspot

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



43, 72.219, 327.751



75, 29.433, 325.587



29, 73.512, 301.638



39, 20.082, 325.728



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, 72.219, 327.751



53, 97.779, 328.090



40, 53.098, 352.513



33, 6.429, 324.925



35, 76.983, 328.239



2, 11.671, 324.445

Inverse Universe

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



43, 72.219, 327.751



53, 97.779, 328.090



61, 50.669, 155.343



33, 6.429, 324.925



35, 76.983, 328.239



2, 11.671, 324.445

Previews

White Background



This preview shows how the CIELCh color 43, 72.221, 327.751 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, 72.221, 327.751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

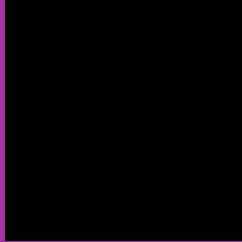
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 72.221, 327.751

Background



This preview shows how black text looks on a background with the CIELCh color 43, 72.221, 327.751.

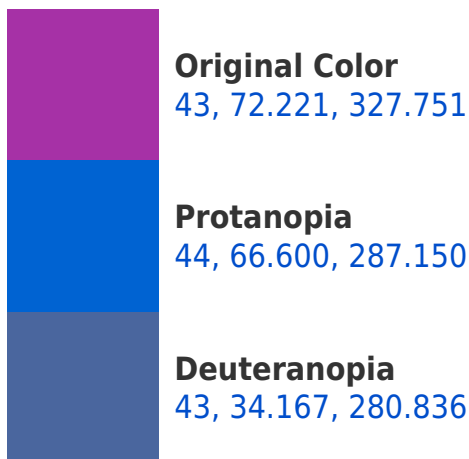


This preview shows how white text looks on a background with the CIELCh color 43, 72.221, 327.751.

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, 72.221, 327.751

Protanomaly
39, 68.399, 295.923

Deuteranomaly
41, 47.892, 305.983

Tritanomaly
42, 43.707, 350.739

Monochromacy



Original Color
43, 72.221, 327.751

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, 72.221, 327.751 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(166, 49, 166)` looks like.

```
.text, #text, p{  
    color:rgb(166, 49, 166)  
}
```

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(166, 49, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 49, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 72.221, 327.751 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(166, 49, 166) }
```

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

```
.border{ border-color:rgb(166, 49, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 49, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 49, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 49, 166);  
box-shadow:4px 4px 4px 4px rgb(166, 49,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 72.221, 327.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 49, 166) }
```

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

```
.background{ background-color: rgb(166, 49,  
166) }
```

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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