

Converting Colors

CIELCh(43, 75.470, 331.638)

Have a look what the booklet for
CIELCh(43, 75.470, 331.638)
contains.

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Color

CIELCh(43, 75.428, 331.674)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B025A2 |
| RGB | 176, 37, 162 |
| RGB Percent | 69%, 15%, 64% |
| CMY | 0.3099, 0.8550, 0.3648 |
| CMYK | 0.00, 0.79, 0.08, 0.31 |
| HSL | 306°, 65%, 42% |
| HSV | 306°, 79%, 69% |
| XYZ | 25.0815, 13.1578, 35.3923 |
| YIQ | 92.8110, 42.7190, 68.3430 |

Conversions

Conversions Part 2

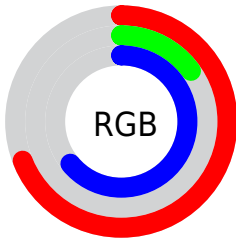
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 176, 37, 162 |
| Decimal | 11543970 |
| CIE _{Lab} | 43.00, 66.40, -35.79 |
| CIE _{LCh} | 43, 75.428, 331.674 |
| Yxy | 13.1578, 0.3406, 0.1787 |
| Android (android.graphics.Color) | 4289734050 (0xFFB025A2) |
| YUV | 92.8110, 34.1102, 72.9568 |
| Hunter-Lab | 36.2736, 59.9452, -32.4579 |

Details

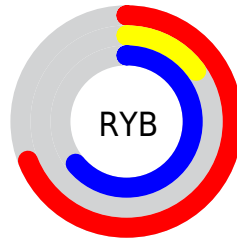
The CIELCh color **43, 75.428, 331.674** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **63, 78.805, 139.339**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 75.350, 331.802**, and **27, 62.136, 331.359** is the 20% darker color. If you saturate the color by 10%, you get **42, 79.038, 332.155**, and if you desaturate by 10%, it is **45, 69.659, 331.176**.

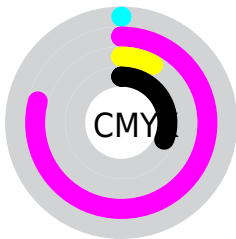
Distribution



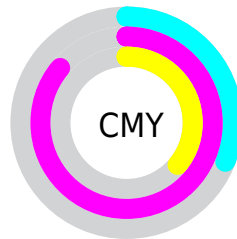
- Red (69%)
- Green (15%)
- Blue (64%)



- Red (69%)
- Yellow (15%)
- Blue (64%)



- Cyan (0%)
- Magenta (79%)
- Yellow (8%)
- Black (31%)





- Cyan (31%)
- Magenta (86%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 75.428, 331.674 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, 75.428, 331.674 by changing the saturation by 10% instead.


 43, 75.428,
331.674


 43, 75.428,
331.674


 100, 75.428,
331.674


 33, 75.428,
331.674

 63, 75.428,
331.674


 23, 75.428,
331.674

 73, 75.428,
331.674

 13, 75.428,
331.674

 83, 75.428,
331.674

 3, 75.428, 331.674

 93, 75.428,
331.674

 0, 75.428, 331.674

 43, 75.428,

 43, 75.428,

331.674

331.674

■ 42, 79.038,
332.155

■ 45, 69.659,
331.176

■ 41, 80.732,
332.631

■ 48, 62.007,
330.654

■ 41, 80.878,
332.679

■ 51, 52.887,
330.106

■ 55, 42.750,
329.538

■ 59, 32.002,
328.957

■ 63, 20.965,
328.371

■ 68, 9.877, 327.779

■ 72, 1.099, 147.472

■ 77, 11.862,
146.711

Harmonies

Complementary

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



43, 75.428, 331.674



63, 78.805, 139.339

Rectangle

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



43, 75.428, 331.674



43, 75.428, 21.674



43, 75.428, 151.674



43, 75.428, 201.674

Sweetspot

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



43, 75.426, 331.674



78, 32.910, 328.690



27, 85.829, 304.643



39, 22.574, 328.894



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



43, 75.426, 331.674



54, 97.990, 332.521



40, 58.039, 2.585



35, 6.300, 327.800



35, 73.015, 332.625



2, 14.665, 328.805

Inverse Universe

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



43, 75.426, 331.674



54, 97.990, 332.521



64, 52.321, 159.290



35, 6.300, 327.800



35, 73.015, 332.625



2, 14.665, 328.805

Previews

White Background



This preview shows how the CIELCh color 43, 75.428, 331.674 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, 75.428, 331.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

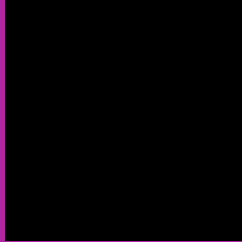
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 75.428, 331.674

Background



This preview shows how black text looks on a background with the CIELCh color 43, 75.428, 331.674.

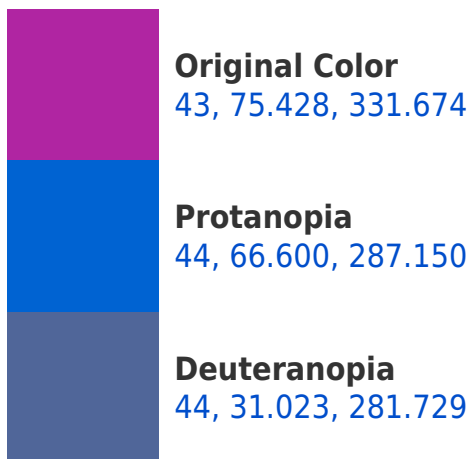


This preview shows how white text looks on a background with the CIELCh color 43, 75.428, 331.674.

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](#).

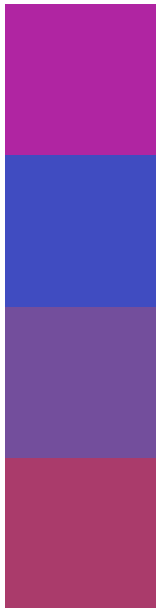
Dichromacy





Tritanopia
43, 43.586, 23.677

Trichromacy



Original Color
43, 75.428, 331.674

Protanomaly
38, 71.026, 297.833

Deuteranomaly
40, 48.692, 310.760

Tritanomaly
42, 49.835, 356.214

Monochromacy



Original Color
43, 75.428, 331.674

Achromatopsia
39, 0.006, 296.813

Achromatomaly
38, 33.263, 329.539

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 75.428, 331.674 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(176, 37, 162)` looks like.

```
.text, #text, p{  
    color:rgb(176, 37, 162)  
}
```

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(176, 37, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 37, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 75.428, 331.674 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(176, 37, 162) }
```

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

```
.border{ border-color:rgb(176, 37, 162) }
```

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

Here you see how a box with a 4 pixel rgb(176, 37, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 37, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 37, 162);  
box-shadow:4px 4px 4px 4px rgb(176, 37,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 75.428, 331.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 37, 162) }
```

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

```
.background{ background-color: rgb(176, 37,  
162) }
```

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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