

Converting Colors

CIELCh(45, 74.394, 324.543)

Have a look what the booklet for
CIELCh(45, 74.394, 324.543)
contains.

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Color

CIELCh(45, 74.394, 324.543)

Conversions

Conversions Part 1

Format	Color
Hex	A83AB4
RGB	168, 58, 180
RGB Percent	66%, 23%, 71%
CMY	0.3428, 0.7742, 0.2957
CMYK	0.07, 0.68, 0.00, 0.30
HSL	294°, 51%, 47%
HSV	294°, 68%, 70%
XYZ	25.7494, 14.5417, 44.4158
YIQ	104.7980, 26.3980, 61.2620

Conversions

Conversions Part 2

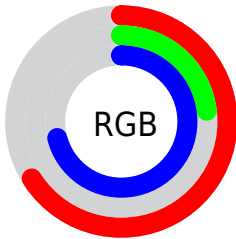
Format	Color
R _{YB}	168, 58, 180
Decimal	11025076
CIE Lab	45.00, 60.60, -43.16
CIE LCh	45, 74.394, 324.543
Yxy	14.5417, 0.3040, 0.1717
Android (android.graphics.Color)	4289215156 (0xFFA83AB4)
YUV	104.7980, 37.0746, 55.4282
Hunter-Lab	38.1336, 53.7969, -42.3640

Details

The CIELCh color **45, 74.394, 324.543** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **65, 74.539, 136.835**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 74.118, 324.632**, and **27, 69.056, 324.070** is the 20% darker color. If you saturate the color by 10%, you get **43, 81.408, 324.663**, and if you desaturate by 10%, it is **48, 65.553, 324.298**.

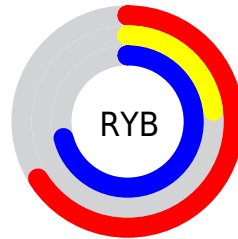
Distribution



Red (66%)

Green (23%)

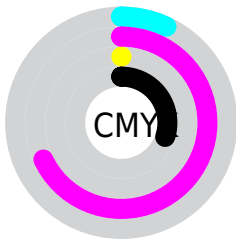
Blue (71%)



Red (66%)

Yellow (23%)

Blue (71%)

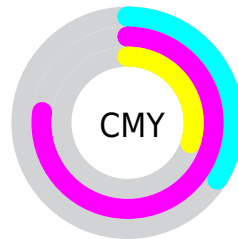


Cyan (7%)

Magenta (68%)

Yellow (0%)

Black (30%)



Cyan (34%)


Magenta (77%)


Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 45, 74.394, 324.543 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 45, 74.394, 324.543 by changing the saturation by 10% instead.


 45, 74.394,
324.543


 45, 74.394,
324.543


 100, 74.394,
324.543


 35, 74.394,
324.543

 65, 74.394,
324.543


 25, 74.394,
324.543

 75, 74.394,
324.543

 15, 74.394,
324.543

 85, 74.394,
324.543

 5, 74.394, 324.543

 95, 74.394,
324.543

 0, 74.394, 324.543

 45, 74.394,

 45, 74.394,

324.543

■ 43, 81.408,
324.663

■ 41, 86.242,
324.636

■ 40, 88.944,
324.463

■ 39, 89.415,
324.422

324.543

■ 48, 65.553,
324.298

■ 52, 55.363,
323.957

■ 56, 44.288,
323.546

■ 60, 32.720,
323.091

■ 65, 20.961,
322.611

■ 69, 9.221, 322.115

■ 74, 2.359, 141.753

■ 79, 13.692,
141.215

■ 84, 24.729,
140.765

Harmonies

Complementary

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



45, 74.394, 324.543



65, 74.539, 136.835

Rectangle

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



45, 74.394, 324.543



45, 74.394, 14.543



45, 74.394, 144.543



45, 74.394, 194.543

Sweetspot

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



45, 74.392, 324.543



81, 29.063, 322.728



35, 67.610, 297.754



41, 19.828, 322.862



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



45, 74.392, 324.543



54, 103.014, 324.668



45, 57.874, 345.621



35, 6.550, 322.185



33, 79.436, 324.468



2, 15.534, 320.406

Inverse Universe

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



43, 54.183, 22.700



51, 80.565, 28.698



65, 57.337, 150.984



35, 3.937, 11.967



31, 67.256, 35.239



2, 9.225, 13.105

Previews

White Background



This preview shows how the CIELCh color 45, 74.394, 324.543 looks on a white background.

Color Contrast Check

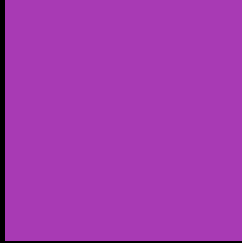
Large Text (above 18pt) WCAG AA ✓ Pass

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 45, 74.394, 324.543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

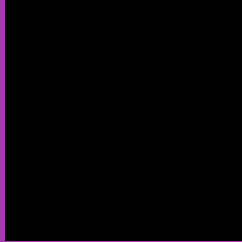
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 45, 74.394, 324.543

Background



This preview shows how black text looks on a background with the CIELCh color 45, 74.394, 324.543.

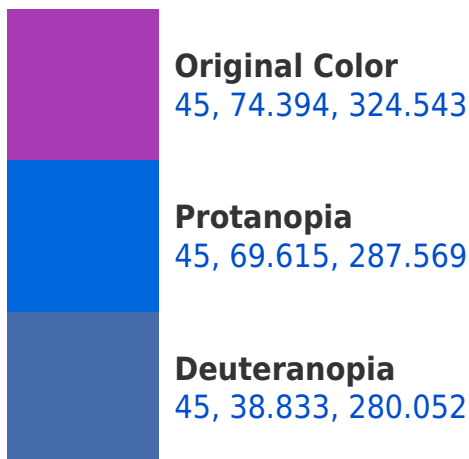


This preview shows how white text looks on a background with the CIELCh color 45, 74.394, 324.543.

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
45, 31.433, 17.773

Trichromacy



Original Color
45, 74.394, 324.543



Protanomaly
41, 71.368, 295.416



Deuteranomaly
43, 51.273, 302.190



Tritanomaly
45, 42.391, 345.423

Monochromacy



Original Color
45, 74.394, 324.543



Achromatopsia
44, 0.006, 296.813



Achromatomaly
43, 30.431, 323.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 74.394, 324.543 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(168, 58, 180)` looks like.

```
.text, #text, p{  
    color:rgb(168, 58, 180)  
}
```

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(168, 58, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 58, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 74.394, 324.543 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(168, 58, 180) }
```

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

```
.border{ border-color:rgb(168, 58, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 58, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 58, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 58, 180);  
box-shadow:4px 4px 4px 4px rgb(168, 58,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 74.394, 324.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 58, 180) }
```

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

```
.background{ background-color: rgb(168, 58,  
180) }
```

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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