

Converting Colors

CIELCh(43, 51.590, 324.755)

Have a look what the booklet for
CIELCh(43, 51.590, 324.755)
contains.

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Color

CIELCh(43, 51.213, 325.066)

Conversions

Conversions Part 1

Format	Color
Hex	924A97
RGB	146, 74, 151
RGB Percent	57%, 29%, 59%
CMY	0.4288, 0.7110, 0.4092
CMYK	0.03, 0.51, 0.00, 0.41
HSL	296°, 34%, 44%
HSV	296°, 51%, 59%
XYZ	19.7789, 13.1578, 30.6327
YIQ	104.3060, 18.1950, 39.2110

Conversions

Conversions Part 2

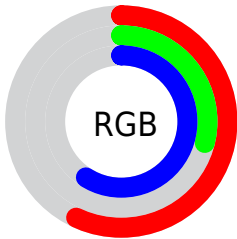
Format	Color
R_{YB}	146, 74, 151
Decimal	9587351
CIE _{Lab}	43.00, 41.99, -29.33
CIE _{LCh}	43, 51.213, 325.066
Yxy	13.1578, 0.3111, 0.2070
Android (android.graphics.Color)	4287777431 (0xFF924A97)
YUV	104.3060, 23.0201, 36.5656
Hunter-Lab	36.2736, 33.8519, -24.6782

Details

The CIELCh color $43, 51.213, 325.066$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $56, 51.149, 139.051$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 51.186, 325.045$, and $23, 51.549, 324.913$ is the 20% darker color. If you saturate the color by 10%, you get $40, 59.742, 325.406$, and if you desaturate by 10%, it is $46, 41.783, 324.657$.

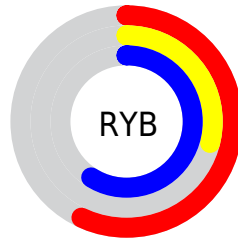
Distribution



Red (57%)

Green (29%)

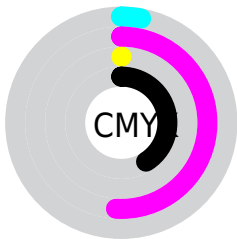
Blue (59%)



Red (57%)

Yellow (29%)

Blue (59%)

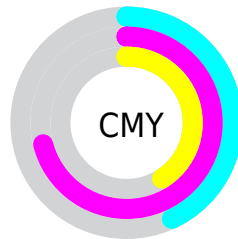


Cyan (3%)

Magenta (51%)

Yellow (0%)

Black (41%)



Cyan (43%)


Magenta (71%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 51.213, 325.066 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, 51.213, 325.066 by changing the saturation by 10% instead.


 43, 51.213,
325.066


 43, 51.213,
325.066


 100, 51.213,
325.066


 33, 51.213,
325.066


 63, 51.213,
325.066


 23, 51.213,
325.066

 73, 51.213,
325.066

 13, 51.213,
325.066

 83, 51.213,
325.066

 3, 51.213, 325.066

 93, 51.213,
325.066

 0, 51.213, 325.066

 43, 51.213,

 43, 51.213,

325.066

40, 59.742,
325.406

38, 66.978,
325.654

36, 72.552,
325.789

34, 76.226,
325.798

34, 78.327,
325.729

325.066

46, 41.783,
324.657

50, 31.811,
324.202

54, 21.581,
323.717

58, 11.300,
323.216

62, 1.112, 322.564

66, 8.888, 142.282

70, 18.646,
141.806

75, 28.132,
141.360

■ 79, 37.334,
140.941

Harmonies

Complementary

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



43, 51.213, 325.066



56, 51.149, 139.051

Rectangle

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



43, 51.213, 325.066



43, 51.213, 15.066



43, 51.213, 145.066



43, 51.213, 195.066

Sweetspot

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



43, 51.211, 325.066



72, 19.002, 323.429



36, 44.368, 294.955



37, 13.078, 323.526



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



43, 51.211, 325.066



52, 73.758, 325.439



42, 39.051, 345.054



30, 5.822, 323.120



31, 74.336, 325.744



1, 6.240, 322.472

Inverse Universe

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



41, 34.901, 20.377



49, 52.686, 23.115



57, 37.749, 155.147



30, 3.447, 14.628



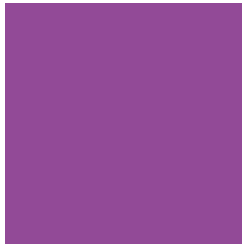
28, 63.978, 36.411



1, 3.615, 14.096

Previews

White Background



This preview shows how the CIELCh color 43, 51.213, 325.066 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, 51.213, 325.066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

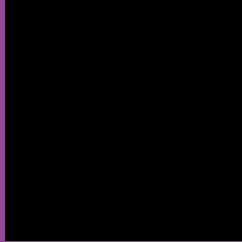
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 51.213, 325.066

Background



This preview shows how black text looks on a background with the CIELCh color 43, 51.213, 325.066.

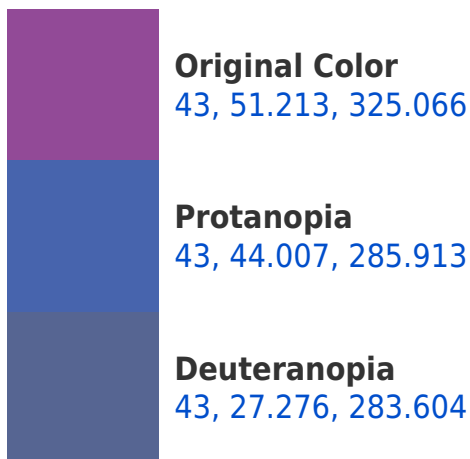


This preview shows how white text looks on a background with the CIELCh color 43, 51.213, 325.066.

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, 22.111, 13.458

Trichromacy



Original Color
43, 51.213, 325.066

Protanomaly
42, 45.338, 299.385

Deuteranomaly
42, 34.993, 304.415

Tritanomaly
43, 29.871, 344.666

Monochromacy



Original Color
43, 51.213, 325.066

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 19.754, 323.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 51.213, 325.066 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(146, 74, 151)` looks like.

```
.text, #text, p{  
    color:rgb(146, 74, 151)  
}
```

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(146, 74, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 74, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 51.213, 325.066 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(146, 74, 151) }
```

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

```
.border{ border-color:rgb(146, 74, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 74, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 74, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 74, 151);  
box-shadow:4px 4px 4px 4px rgb(146, 74,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 51.213, 325.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 74, 151) }
```

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

```
.background{ background-color: rgb(146, 74,  
151) }
```

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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