

Converting Colors

CIELCh(43, 51.787, 325.105)

Have a look what the booklet for
CIELCh(43, 51.787, 325.105)
contains.

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Color

CIELCh(43, 51.818, 325.117)

Conversions

Conversions Part 1

Format	Color
Hex	924997
RGB	146, 73, 151
RGB Percent	57%, 29%, 59%
CMY	0.4267, 0.7130, 0.4071
CMYK	0.03, 0.52, 0.00, 0.41
HSL	296°, 35%, 44%
HSV	296°, 52%, 59%
XYZ	19.8837, 13.1578, 30.8496
YIQ	103.7190, 18.4700, 39.7340

Conversions

Conversions Part 2

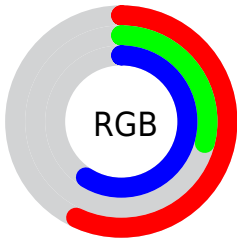
Format	Color
R_{YB}	146, 73, 151
Decimal	9587095
CIE _{Lab}	43.00, 42.51, -29.63
CIE _{LCh}	43, 51.818, 325.117
Yxy	13.1578, 0.3112, 0.2059
Android (android.graphics.Color)	4287777175 (0xFF924997)
YUV	103.7190, 23.3095, 37.0804
Hunter-Lab	36.2736, 34.3676, -25.0328

Details

The CIELCh color **43, 51.818, 325.117** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **56, 51.767, 139.025**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 51.808, 325.086**, and **23, 51.967, 324.961** is the 20% darker color. If you saturate the color by 10%, you get **40, 60.312, 325.454**, and if you desaturate by 10%, it is **46, 42.398, 324.711**.

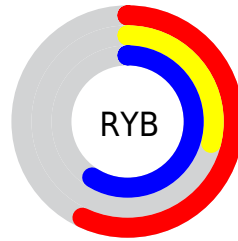
Distribution



Red (57%)

Green (29%)

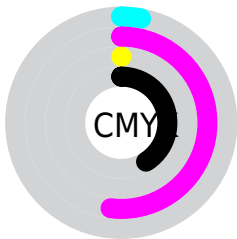
Blue (59%)



Red (57%)

Yellow (29%)

Blue (59%)

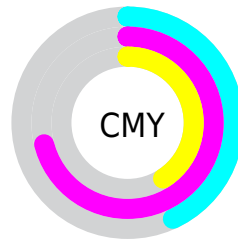


Cyan (3%)

Magenta (52%)

Yellow (0%)

Black (41%)



Cyan (43%)


Magenta (71%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 51.818, 325.117 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, 51.818, 325.117 by changing the saturation by 10% instead.


 43, 51.818,
325.117


 43, 51.818,
325.117


 100, 51.818,
325.117


 33, 51.818,
325.117

 63, 51.818,
325.117


 23, 51.818,
325.117

 73, 51.818,
325.117

 13, 51.818,
325.117

 83, 51.818,
325.117

 3, 51.818, 325.117

 93, 51.818,
325.117

 0, 51.818, 325.117

 43, 51.818,

 43, 51.818,

325.117

40, 60.312,
325.454

38, 67.488,
325.697

36, 72.978,
325.828

35, 76.557,
325.832

34, 78.520,
325.767

325.117

46, 42.398,
324.711

50, 32.418,
324.256

54, 22.164,
323.772

58, 11.849,
323.271

62, 1.623, 322.673

66, 8.420, 142.335

70, 18.222,
141.856

75, 27.752,
141.408

■ 79, 36.997,
140.987

Harmonies

Complementary

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



43, 51.818, 325.117



56, 51.767, 139.025

Rectangle

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



43, 51.818, 325.117



43, 51.818, 15.117



43, 51.818, 145.117



43, 51.818, 195.117

Sweetspot

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



43, 51.816, 325.117



72, 19.008, 323.458



36, 44.975, 295.063



37, 13.082, 323.555



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, 51.816, 325.117



52, 74.726, 325.500



42, 39.508, 345.120



30, 5.824, 323.150



31, 74.330, 325.783



1, 6.242, 322.503

Inverse Universe

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



41, 35.389, 20.565



49, 53.635, 23.479



57, 38.193, 155.078



30, 3.447, 14.712



28, 64.011, 36.455



1, 3.615, 14.180

Previews

White Background



This preview shows how the CIELCh color 43, 51.818, 325.117 looks on a white background.

Color Contrast Check

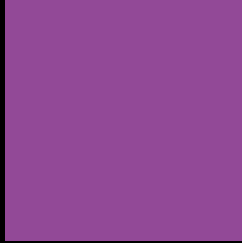
Large Text (above 18pt) WCAG AA ✓ Pass

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, 51.818, 325.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

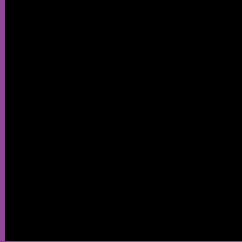
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 51.818, 325.117

Background



This preview shows how black text looks on a background with the CIELCh color 43, 51.818, 325.117.

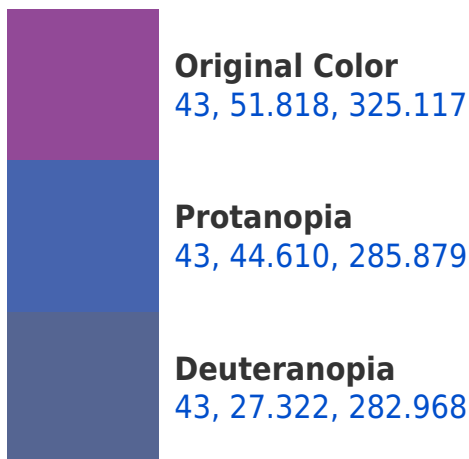


This preview shows how white text looks on a background with the CIELCh color 43, 51.818, 325.117.

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, 23.037, 12.529

Trichromacy



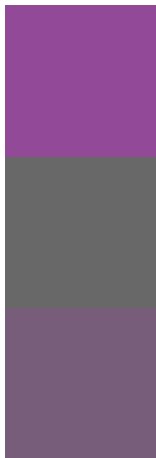
Original Color
43, 51.818, 325.117

Protanomaly
42, 45.921, 299.397

Deuteranomaly
42, 34.948, 303.852

Tritanomaly
43, 30.805, 344.891

Monochromacy



Original Color
43, 51.818, 325.117

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, 51.818, 325.117 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, 73, 151)` looks like.

```
.text, #text, p{  
    color:rgb(146, 73, 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, 73, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 73, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 51.818, 325.117 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, 73, 151) }
```

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

```
.border{ border-color:rgb(146, 73, 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, 73, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 73, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 73, 151);  
box-shadow:4px 4px 4px 4px rgb(146, 73,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 51.818, 325.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 73, 151) }
```

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

```
.background{ background-color: rgb(146, 73,  
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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