

# Converting Colors

CIELCh(43, 55.212, 327.575)

Have a look what the booklet for  
CIELCh(43, 55.212, 327.575)  
contains.

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**Color**

**CIELCh(43, 54.854, 327.536)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	984597
RGB	152, 69, 151
RGB Percent	60%, 27%, 59%
CMY	0.4040, 0.7295, 0.4080
CMYK	0.00, 0.55, 0.01, 0.40
HSL	301°, 38%, 43%
HSV	301°, 55%, 60%
XYZ	20.6520, 13.1578, 30.7153
YIQ	103.1650, 23.1460, 43.0980

# Conversions

## Conversions Part 2

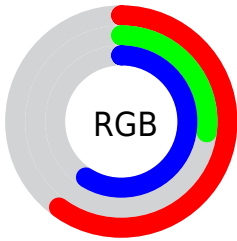
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 69, 151
Decimal	9979287
CIE <sub>Lab</sub>	43.00, 46.28, -29.44
CIE <sub>LCh</sub>	43, 54.854, 327.536
Yxy	13.1578, 0.3201, 0.2039
Android (android.graphics.Color)	4288169367 (0xFF984597)
YUV	103.1650, 23.5827, 42.8283
Hunter-Lab	36.2736, 38.1481, -24.8132

# Details

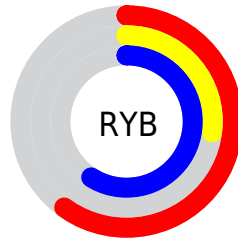
The CIELCh color  $43, 54.854, 327.536$  is a dark color, and the websafe version is hex  $993399$ . A complement of this color would be  $56, 55.259, 140.281$ , and the grayscale version is  $44, 0.006, 296.813$ .

A 20% lighter version of the original color is  $63, 55.139, 327.318$ , and  $23, 55.115, 327.265$  is the 20% darker color. If you saturate the color by 10%, you get  $40, 62.822, 327.925$ , and if you desaturate by 10%, it is  $46, 45.752, 327.088$ .

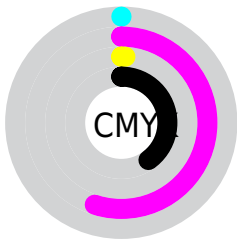
# Distribution



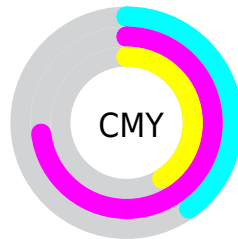
- Red (60%)
- Green (27%)
- Blue (59%)



- Red (60%)
- Yellow (27%)
- Blue (59%)



- Cyan (0%)
- Magenta (55%)
- Yellow (1%)
- Black (40%)




- Cyan (40%)
- Magenta (73%)
- Yellow (41%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 54.854, 327.536 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, 54.854, 327.536 by changing the saturation by 10% instead.




 43, 54.854,  
327.536


 43, 54.854,  
327.536


 100, 54.854,  
327.536

 33, 54.854,  
327.536

 63, 54.854,  
327.536


 23, 54.854,  
327.536

 73, 54.854,  
327.536

 13, 54.854,  
327.536

 83, 54.854,  
327.536

 3, 54.854, 327.536

 93, 54.854,  
327.536

 0, 54.854, 327.536

 43, 54.854,

 43, 54.854,

327.536

40, 62.822,  
327.925

38, 69.282,  
328.242

37, 73.939,  
328.480

36, 76.699,  
328.639

36, 77.811,  
328.709

327.536

46, 45.752,  
327.088

49, 35.902,  
326.596

53, 25.630,  
326.074

57, 15.191,  
325.534

61, 4.771, 324.965

65, 5.503, 144.518

69, 15.552,  
143.976

74, 25.330,  
143.472

■ 78, 34.815,  
142.995

# Harmonies

# Complementary

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



43, 54.854, 327.536



56, 55.259, 140.281

# Rectangle

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



43, 54.854, 327.536



43, 54.854, 17.536



43, 54.854, 147.536



43, 54.854, 197.536

# Sweetspot

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



43, 54.852, 327.536



71, 20.507, 325.626



34, 51.828, 298.168



37, 13.962, 325.728



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, 54.852, 327.536



51, 78.216, 328.017



41, 40.280, 349.536



30, 5.892, 325.236



33, 73.390, 328.705



1, 6.327, 324.804



# Inverse Universe

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



43, 54.852, 327.536



51, 78.216, 328.017



57, 38.123, 157.902



30, 5.892, 325.236



33, 73.390, 328.705



1, 6.327, 324.804



# Previews

## White Background



This preview shows how the CIE LCh color 43, 54.854, 327.536 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, 54.854, 327.536 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

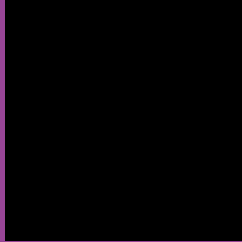
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# CIELCh 43, 54.854, 327.536

## Background



This preview shows how black text looks on a background with the CIELCh color 43, 54.854, 327.536.

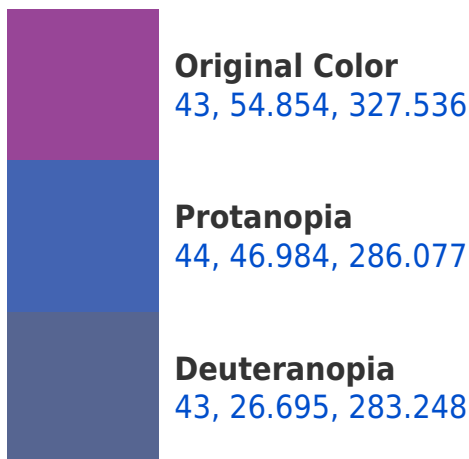


This preview shows how white text looks on a background with the CIELCh color 43, 54.854, 327.536.

# 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, 27.112, 14.850

# Trichromacy



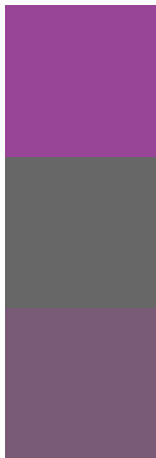
**Original Color**  
43, 54.854, 327.536

**Protanomaly**  
42, 47.748, 299.831

**Deuteranomaly**  
42, 35.888, 306.540

**Tritanomaly**  
43, 33.913, 348.795

# Monochromacy



**Original Color**  
43, 54.854, 327.536

**Achromatopsia**  
44, 0.006, 296.813

**Achromatomaly**  
43, 21.118, 326.651

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 43, 54.854, 327.536 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(152, 69, 151)` looks like.

```
.text, #text, p{  
    color:rgb(152, 69, 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(152, 69, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 69, 151) }
```

## Border

The CSS property to change the border of an element to CIELCh 43, 54.854, 327.536 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(152, 69, 151) }
```

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

```
.border{ border-color:rgb(152, 69, 151) }
```

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

Here you see how a box with a 4 pixel rgb(152, 69, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 69, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 69, 151);  
box-shadow:4px 4px 4px 4px rgb(152, 69,  
151) }
```

# Background

The CSS property to change the background color of an element to CIELCh 43, 54.854, 327.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 69, 151) }
```

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

```
.background{ background-color: rgb(152, 69,  
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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