

Converting Colors

CIELCh(43, 57.949, 326.186)

Have a look what the booklet for
CIELCh(43, 57.949, 326.186)
contains.

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Color

CIELCh(43, 58.291, 326.249)

Conversions

Conversions Part 1

Format	Color
Hex	99439C
RGB	153, 67, 156
RGB Percent	60%, 26%, 61%
CMY	0.4005, 0.7377, 0.3887
CMYK	0.02, 0.57, 0.00, 0.39
HSL	298°, 40%, 44%
HSV	298°, 57%, 61%
XYZ	21.1056, 13.1578, 32.8285
YIQ	102.8600, 22.6870, 45.9110

Conversions

Conversions Part 2

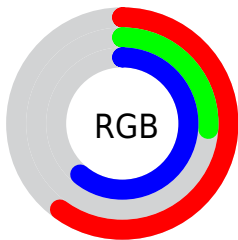
Format	Color
R_{YB}	153, 67, 156
Decimal	10044316
CIE _{Lab}	43.00, 48.47, -32.39
CIE _{LCh}	43, 58.291, 326.249
Yxy	13.1578, 0.3146, 0.1961
Android (android.graphics.Color)	4288234396 (0xFF99439C)
YUV	102.8600, 26.1980, 43.9728
Hunter-Lab	36.2736, 40.3801, -28.2673

Details

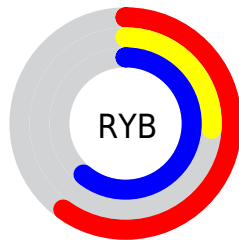
The CIELCh color $43, 58.291, 326.249$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $58, 58.565, 139.081$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 58.013, 326.075$, and $23, 58.159, 326.289$ is the 20% darker color. If you saturate the color by 10%, you get $40, 66.208, 326.566$, and if you desaturate by 10%, it is $46, 49.151, 325.856$.

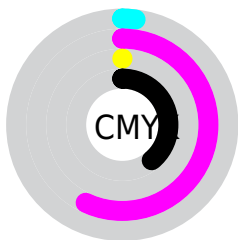
Distribution



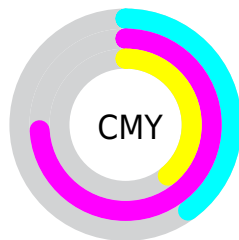
- Red (60%)
- Green (26%)
- Blue (61%)



- Red (60%)
- Yellow (26%)
- Blue (61%)



- Cyan (2%)
- Magenta (57%)
- Yellow (0%)
- Black (39%)




- Cyan (40%)
- Magenta (74%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 58.291, 326.249 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, 58.291, 326.249 by changing the saturation by 10% instead.


 43, 58.291,
326.249

 43, 58.291,
326.249


 100, 58.291,
326.249

 33, 58.291,
326.249

 63, 58.291,
326.249

 23, 58.291,
326.249

 73, 58.291,
326.249

 13, 58.291,
326.249

 83, 58.291,
326.249

 3, 58.291, 326.249

 93, 58.291,
326.249

 0, 58.291, 326.249

 43, 58.291,

 43, 58.291,

326.249

■ 40, 66.208,
326.566

■ 38, 72.517,
326.789

■ 37, 76.931,
326.907

■ 36, 79.501,
326.922

■ 36, 80.143,
326.921

326.249

■ 46, 49.151,
325.856

■ 50, 39.191,
325.406

■ 53, 28.756,
324.918

■ 57, 18.119,
324.406

■ 61, 7.478, 323.876

■ 66, 3.031, 143.463

■ 70, 13.323,
142.913

■ 74, 23.348,
142.428

■ 79, 33.079,
141.970

Harmonies

Complementary

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



43, 58.291, 326.249



58, 58.565, 139.081

Rectangle

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



43, 58.291, 326.249



43, 58.291, 16.249



43, 58.291, 146.249



43, 58.291, 196.249

Sweetspot

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



43, 58.289, 326.249



72, 22.212, 324.418



34, 52.584, 296.929



37, 14.984, 324.514



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



43, 58.289, 326.249



51, 82.758, 326.649



42, 43.876, 346.863



31, 6.040, 323.994



33, 75.165, 326.931



1, 7.839, 323.321

Inverse Universe

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



40, 40.979, 24.069



47, 62.188, 27.833



58, 42.263, 155.062



31, 3.535, 17.164



29, 65.941, 37.812



1, 4.480, 16.741

Previews

White Background



This preview shows how the CIELCh color 43, 58.291, 326.249 looks on a white background.

Color Contrast Check

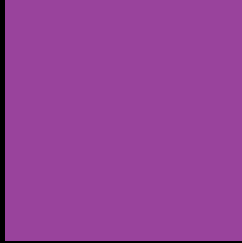
Large Text (above 18pt) WCAG AA ✓ Pass

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, 58.291, 326.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

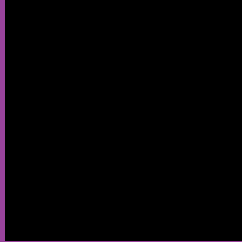
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 58.291, 326.249

Background



This preview shows how black text looks on a background with the CIELCh color 43, 58.291, 326.249.

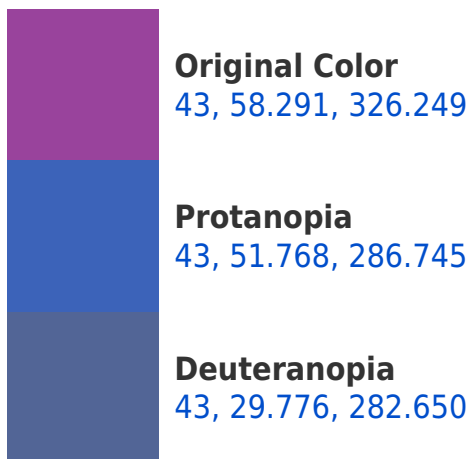


This preview shows how white text looks on a background with the CIELCh color 43, 58.291, 326.249.

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, 58.291, 326.249

Protanomaly
42, 52.540, 299.405

Deuteranomaly
42, 38.674, 304.780

Tritanomaly
43, 35.058, 346.748

Monochromacy



Original Color
43, 58.291, 326.249

Achromatopsia
44, 0.006, 296.813

Achromatomaly
42, 22.800, 324.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 58.291, 326.249 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(153, 67, 156)` looks like.

```
.text, #text, p{  
    color:rgb(153, 67, 156)  
}
```

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(153, 67, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 67, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 58.291, 326.249 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(153, 67, 156) }
```

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

```
.border{ border-color:rgb(153, 67, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 67, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 67, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 67, 156);  
box-shadow:4px 4px 4px 4px rgb(153, 67,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 58.291, 326.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 67, 156) }
```

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

```
.background{ background-color: rgb(153, 67,  
156) }
```

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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