

Converting Colors

CIELCh(43, 33.454, 331.174)

Have a look what the booklet for
CIELCh(43, 33.454, 331.174)
contains.

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Color

CIELCh(43, 33.454, 331.174)

Conversions

Conversions Part 1

Format	Color
Hex	895481
RGB	137, 84, 129
RGB Percent	54%, 33%, 51%
CMY	0.4641, 0.6718, 0.4954
CMYK	0.00, 0.39, 0.06, 0.46
HSL	309°, 24%, 43%
HSV	309°, 39%, 54%
XYZ	17.3474, 13.1578, 22.2794
YIQ	104.9770, 17.1430, 25.2310

Conversions

Conversions Part 2

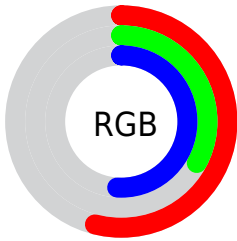
Format	Color
R_{YB}	137, 84, 129
Decimal	9000065
CIE _{Lab}	43.00, 29.31, -16.13
CIE _{LCh}	43, 33.454, 331.174
Yxy	13.1578, 0.3286, 0.2493
Android (android.graphics.Color)	4287190145 (0xFF895481)
YUV	104.9770, 11.8433, 28.0842
Hunter-Lab	36.2736, 21.8865, -11.0246

Details

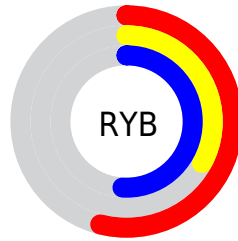
The CIELCh color **43, 33.454, 331.174** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **52, 33.417, 145.916**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 33.201, 330.984**, and **23, 33.382, 331.083** is the 20% darker color. If you saturate the color by 10%, you get **40, 41.504, 331.792**, and if you desaturate by 10%, it is **46, 24.963, 330.560**.

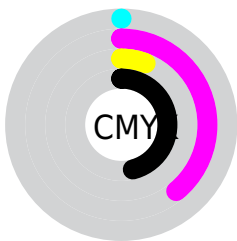
Distribution



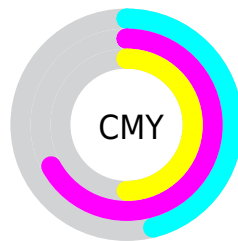
- Red (54%)
- Green (33%)
- Blue (51%)



- Red (54%)
- Yellow (33%)
- Blue (51%)



- Cyan (0%)
- Magenta (39%)
- Yellow (6%)
- Black (46%)





- Cyan (46%)
- Magenta (67%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 33.454, 331.174 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, 33.454, 331.174 by changing the saturation by 10% instead.


 43, 33.454,
331.174


 43, 33.454,
331.174


 100, 33.454,
331.174


 33, 33.454,
331.174

 63, 33.454,
331.174


 23, 33.454,
331.174

 73, 33.454,
331.174

 13, 33.454,
331.174

 83, 33.454,
331.174

 3, 33.454, 331.174

 93, 33.454,
331.174

 0, 33.454, 331.174

 43, 33.454,

 43, 33.454,

331.174

40, 41.504,
331.792

37, 48.811,
332.412

35, 55.024,
333.035

33, 59.800,
333.670

32, 62.894,
334.331

31, 64.584,
335.025

31, 64.784,
335.110

331.174

46, 24.963,
330.560

50, 16.275,
329.952

54, 7.564, 329.346

57, 1.052, 149.014

61, 9.499, 148.273

65, 17.733,
147.732

69, 25.734,
147.222

73, 33.494,
146.740

77, 41.016,

Harmonies

Complementary

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



43, 33.454, 331.174



52, 33.417, 145.916

Rectangle

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



43, 33.454, 331.174



43, 33.454, 21.174



43, 33.454, 151.174



43, 33.454, 201.174

Sweetspot

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



43, 33.452, 331.174



67, 12.910, 329.559



38, 32.721, 299.702



34, 8.535, 329.624



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



43, 33.452, 331.174



52, 49.817, 331.748



42, 24.750, 356.888



27, 4.903, 329.370



30, 63.404, 335.087



0, 2.262, 328.867

Inverse Universe

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



43, 33.452, 331.174



52, 49.817, 331.748



53, 22.579, 168.751



27, 4.903, 329.370



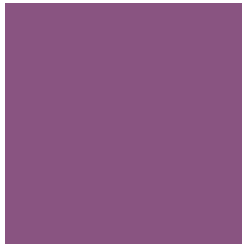
30, 63.404, 335.087



0, 2.262, 328.867

Previews

White Background



This preview shows how the CIELCh color 43, 33.454, 331.174 looks on a white background.

Color Contrast Check

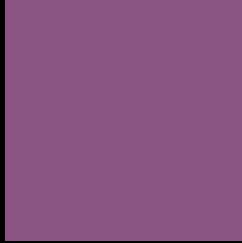
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.454, 331.174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

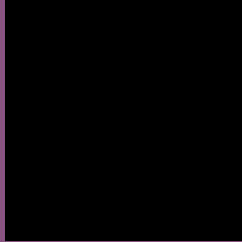
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 33.454, 331.174

Background



This preview shows how black text looks on a background with the CIELCh color 43, 33.454, 331.174.



This preview shows how white text looks on a background with the CIELCh color 43, 33.454, 331.174.

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



Original Color

43, 33.454, 331.174

Protanopia

43, 24.187, 284.680

Deuteranopia

43, 15.652, 292.408



Tritanopia
43, 19.021, 9.588

Trichromacy



Original Color
43, 33.454, 331.174

Protanomaly
43, 25.783, 303.333

Deuteranomaly
43, 21.262, 312.776

Tritanomaly
43, 22.662, 349.373

Monochromacy



Original Color
43, 33.454, 331.174

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 13.054, 329.807

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 33.454, 331.174 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(137, 84, 129)` looks like.

```
.text, #text, p{  
    color:rgb(137, 84, 129)  
}
```

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(137, 84, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 84, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 33.454, 331.174 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(137, 84, 129) }
```

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

```
.border{ border-color:rgb(137, 84, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 84, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 84, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 84, 129);  
box-shadow:4px 4px 4px 4px rgb(137, 84,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 33.454, 331.174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 84, 129) }
```

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

```
.background{ background-color: rgb(137, 84,  
129) }
```

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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