

Converting Colors

CIELCh(43, 27.775, 333.029)

Have a look what the booklet for
CIELCh(43, 27.775, 333.029)
contains.

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Color

CIELCh(43, 27.747, 332.650)

Conversions

Conversions Part 1

Format	Color
Hex	84577B
RGB	132, 87, 123
RGB Percent	52%, 34%, 48%
CMY	0.4823, 0.6587, 0.5176
CMYK	0.00, 0.34, 0.07, 0.48
HSL	312°, 21%, 43%
HSV	312°, 34%, 52%
XYZ	16.5057, 13.1578, 20.4158
YIQ	104.5590, 15.2640, 20.7360

Conversions

Conversions Part 2

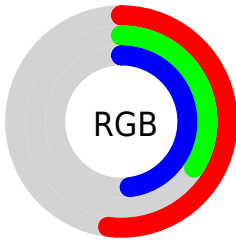
Format	Color
R_{YB}	132, 87, 123
Decimal	8673147
CIE _{Lab}	43.00, 24.65, -12.75
CIE _{LCh}	43, 27.747, 332.650
Yxy	13.1578, 0.3296, 0.2627
Android (android.graphics.Color)	4286863227 (0xFF84577B)
YUV	104.5590, 9.0914, 24.0658
Hunter-Lab	36.2736, 17.7446, -7.9784

Details

The CIELCh color $43, 27.747, 332.650$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $51, 27.631, 147.973$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 27.689, 332.462$, and $23, 27.688, 332.451$ is the 20% darker color. If you saturate the color by 10%, you get $40, 35.558, 333.324$, and if you desaturate by 10%, it is $46, 19.645, 331.996$.

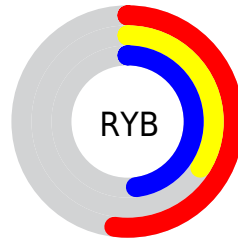
Distribution



Red (52%)

Green (34%)

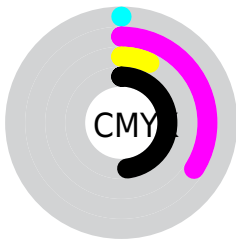
Blue (48%)



Red (52%)

Yellow (34%)

Blue (48%)

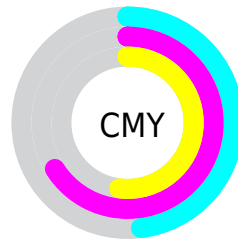


Cyan (0%)

Magenta (34%)

Yellow (7%)

Black (48%)



Cyan (48%)


Magenta (66%)

Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 27.747, 332.650 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, 27.747, 332.650 by changing the saturation by 10% instead.


 43, 27.747,
332.650


 43, 27.747,
332.650


 100, 27.747,
332.650


 33, 27.747,
332.650

 63, 27.747,
332.650


 23, 27.747,
332.650

 73, 27.747,
332.650

 13, 27.747,
332.650

 83, 27.747,
332.650

 3, 27.747, 332.650

 93, 27.747,
332.650

 0, 27.747, 332.650

 43, 27.747,

 43, 27.747,

332.650

40, 35.558,
333.324

37, 42.821,
334.019

34, 49.214,
334.743

32, 54.395,
335.509

31, 58.059,
336.340

30, 60.071,
337.264

29, 60.953,
337.826

332.650

46, 19.645,
331.996

50, 11.451,
331.359

54, 3.301, 330.703

57, 4.718, 150.238

61, 12.553,
149.651

65, 20.175,
149.114

69, 27.574,
148.607

73, 34.748,
148.128

■ 77, 41.703,
147.675

Harmonies

Complementary

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



43, 27.747, 332.650



51, 27.631, 147.973

Rectangle

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



43, 27.747, 332.650



43, 27.747, 22.650



43, 27.747, 152.650



43, 27.747, 202.650

Sweetspot

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



43, 27.745, 332.650



65, 10.015, 331.114



40, 27.790, 300.778



34, 6.891, 331.191



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



43, 27.745, 332.650



52, 40.935, 333.176



42, 20.677, 359.686



26, 4.588, 331.045



29, 60.306, 337.809



0, 1.092, 330.527

Inverse Universe

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



43, 27.745, 332.650



52, 40.935, 333.176



52, 18.752, 172.680



26, 4.588, 331.045



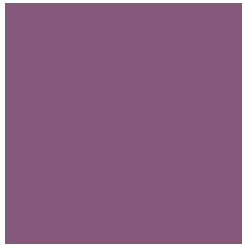
29, 60.306, 337.809



0, 1.092, 330.527

Previews

White Background



This preview shows how the CIELCh color 43, 27.747, 332.650 looks on a white background.

Color Contrast Check

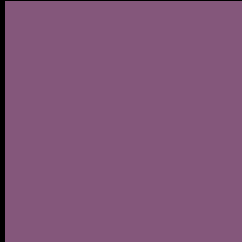
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.747, 332.650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

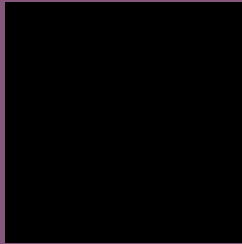
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 27.747, 332.650

Background



This preview shows how black text looks on a background with the CIELCh color 43, 27.747, 332.650.



This preview shows how white text looks on a background with the CIELCh color 43, 27.747, 332.650.

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, 27.747, 332.650

Protanopia

43, 19.361, 284.472

Deuteranopia

43, 12.717, 297.172



Tritanopia
43, 16.394, 7.064

Trichromacy



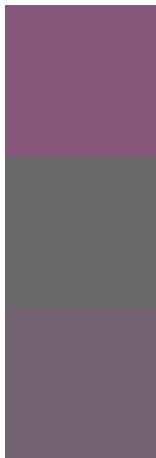
Original Color
43, 27.747, 332.650

Protanomaly
43, 20.407, 304.567

Deuteranomaly
43, 17.943, 316.746

Tritanomaly
43, 19.714, 349.341

Monochromacy



Original Color
43, 27.747, 332.650

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 10.914, 330.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 27.747, 332.650 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(132, 87, 123)` looks like.

```
.text, #text, p{  
    color:rgb(132, 87, 123)  
}
```

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(132, 87, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 87, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 27.747, 332.650 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(132, 87, 123) }
```

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

```
.border{ border-color:rgb(132, 87, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 87, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 87, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 87, 123);  
box-shadow:4px 4px 4px 4px rgb(132, 87,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 27.747, 332.650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 87, 123) }
```

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

```
.background{ background-color: rgb(132, 87,  
123) }
```

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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