

Converting Colors

CIELCh(43, 27.106, 333.537)

Have a look what the booklet for
CIELCh(43, 27.106, 333.537)
contains.

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Color

CIELCh(43, 27.327, 333.494)

Conversions

Conversions Part 1

Format	Color
Hex	84577A
RGB	132, 87, 122
RGB Percent	52%, 34%, 48%
CMY	0.4819, 0.6584, 0.5211
CMYK	0.00, 0.34, 0.08, 0.48
HSL	313°, 21%, 43%
HSV	313°, 34%, 52%
XYZ	16.4719, 13.1578, 20.1219
YIQ	104.4450, 15.5850, 20.4250

Conversions

Conversions Part 2

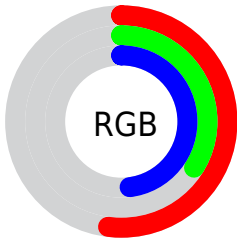
Format	Color
R_{YB}	132, 87, 122
Decimal	8673146
CIE _{Lab}	43.00, 24.45, -12.20
CIE _{LCh}	43, 27.327, 333.494
Yxy	13.1578, 0.3311, 0.2645
Android (android.graphics.Color)	4286863226 (0xFF84577A)
YUV	104.4450, 8.6546, 24.1657
Hunter-Lab	36.2736, 17.5781, -7.4982

Details

The CIELCh color $43, 27.327, 333.494$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $51, 27.180, 148.731$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 26.899, 334.056$, and $23, 27.236, 333.382$ is the 20% darker color. If you saturate the color by 10%, you get $40, 35.033, 334.197$, and if you desaturate by 10%, it is $46, 19.338, 332.818$.

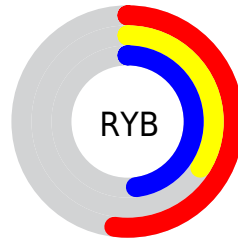
Distribution



Red (52%)

Green (34%)

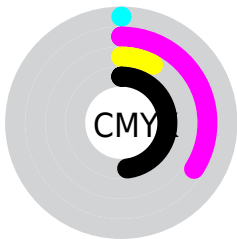
Blue (48%)



Red (52%)

Yellow (34%)

Blue (48%)

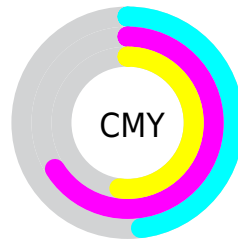


Cyan (0%)

Magenta (34%)

Yellow (8%)

Black (48%)



Cyan (48%)

Magenta (66%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 27.327, 333.494 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, 27.327, 333.494 by changing the saturation by 10% instead.

 43, 27.327,
333.494


 43, 27.327,
333.494

 100, 27.327,
333.494

 33, 27.327,
333.494

 63, 27.327,
333.494


 23, 27.327,
333.494

 73, 27.327,
333.494

 13, 27.327,
333.494

 83, 27.327,
333.494

 3, 27.327, 333.494

 93, 27.327,
333.494

 0, 27.327, 333.494

 43, 27.327,

 43, 27.327,

333.494

333.494

40, 35.033,
334.197

46, 19.338,
332.818

37, 42.201,
334.931

50, 11.263,
332.164

34, 48.511,
335.708

54, 3.235, 331.493

32, 53.618,
336.544

57, 4.662, 151.022

31, 57.218,
337.468

61, 12.374,
150.426

30, 59.169,
338.515

65, 19.876,
149.881

29, 60.019,
339.158

69, 27.156,
149.369

73, 34.215,
148.884

■ 77, 41.058,
148.428

Harmonies

Complementary

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



43, 27.327, 333.494



51, 27.180, 148.731

Rectangle

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



43, 27.327, 333.494



43, 27.327, 23.494



43, 27.327, 153.494



43, 27.327, 203.494

Sweetspot

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



43, 27.325, 333.494



65, 9.858, 331.915



40, 27.818, 301.324



34, 6.783, 331.993



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, 27.325, 333.494



52, 40.322, 334.043



42, 20.559, 0.874



26, 4.516, 331.843



29, 59.352, 339.138



0, 1.075, 331.316

Inverse Universe

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



43, 27.325, 333.494



52, 40.322, 334.043



52, 18.530, 173.862



26, 4.516, 331.843



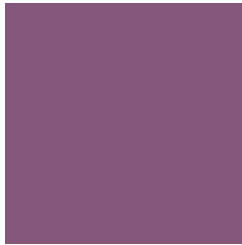
29, 59.352, 339.138



0, 1.075, 331.316

Previews

White Background



This preview shows how the CIELCh color 43, 27.327, 333.494 looks on a white background.

Color Contrast Check

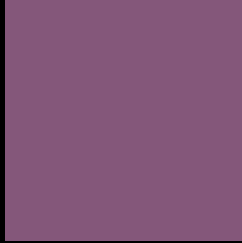
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.327, 333.494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

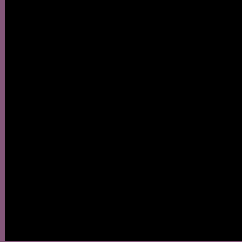
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 27.327, 333.494

Background



This preview shows how black text looks on a background with the CIELCh color 43, 27.327, 333.494.



This preview shows how white text looks on a background with the CIELCh color 43, 27.327, 333.494.

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, 27.327, 333.494

Protanopia

43, 18.732, 285.142

Deuteranopia

43, 12.783, 298.906



Tritanopia
43, 16.394, 7.064

Trichromacy



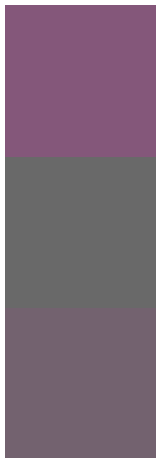
Original Color
43, 27.327, 333.494

Protanomaly
43, 19.902, 305.961

Deuteranomaly
43, 17.407, 317.572

Tritanomaly
43, 19.445, 350.881

Monochromacy



Original Color
43, 27.327, 333.494

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 10.470, 332.682

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 27.327, 333.494 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(132, 87, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 87, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 27.327, 333.494 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, 122) }
```

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

```
.border{ border-color:rgb(132, 87, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 87, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 87, 122);  
box-shadow:4px 4px 4px 4px rgb(132, 87,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 27.327, 333.494 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, 122) }
```

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

```
.background{ background-color: rgb(132, 87,  
122) }
```

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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