

Converting Colors

CIELCh(43, 26.826, 327.487)

Have a look what the booklet for
CIELCh(43, 26.826, 327.487)
contains.

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Color

CIELCh(43, 26.816, 327.482)

Conversions

Conversions Part 1

Format	Color
Hex	80597E
RGB	128, 89, 126
RGB Percent	50%, 35%, 49%
CMY	0.4993, 0.6521, 0.5071
CMYK	0.00, 0.31, 0.02, 0.50
HSL	303°, 18%, 42%
HSV	303°, 31%, 50%
XYZ	16.1474, 13.1578, 21.3211
YIQ	104.8790, 11.3670, 19.7750

Conversions

Conversions Part 2

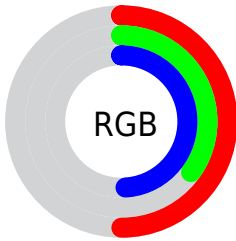
Format	Color
R_{YB}	128, 89, 126
Decimal	8411518
CIE _{Lab}	43.00, 22.61, -14.42
CIE _{LCh}	43, 26.816, 327.482
Yxy	13.1578, 0.3190, 0.2599
Android (android.graphics.Color)	4286601598 (0xFF80597E)
YUV	104.8790, 10.4127, 20.2771
Hunter-Lab	36.2736, 15.9812, -9.4582

Details

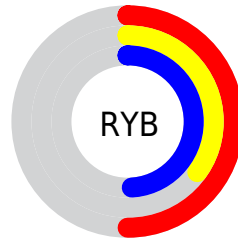
The CIELCh color $43, 26.816, 327.482$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $50, 26.808, 143.774$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 26.536, 327.023$, and $23, 27.127, 327.455$ is the 20% darker color. If you saturate the color by 10%, you get $40, 35.337, 328.008$, and if you desaturate by 10%, it is $46, 18.048, 326.940$.

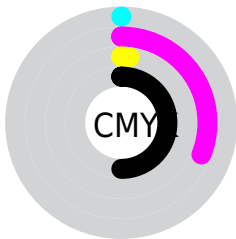
Distribution



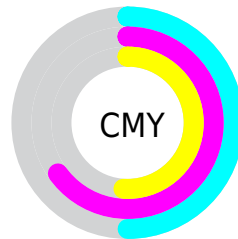
- Red (50%)
- Green (35%)
- Blue (49%)



- Red (50%)
- Yellow (35%)
- Blue (49%)



- Cyan (0%)
- Magenta (31%)
- Yellow (2%)
- Black (50%)




- Cyan (50%)
- Magenta (65%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 26.816, 327.482 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, 26.816, 327.482 by changing the saturation by 10% instead.

 43, 26.816,
327.482

 43, 26.816,
327.482


 100, 26.816,
327.482

 33, 26.816,
327.482


 63, 26.816,
327.482

 23, 26.816,
327.482


 73, 26.816,
327.482

 13, 26.816,
327.482

 83, 26.816,
327.482

 3, 26.816, 327.482

 93, 26.816,
327.482

 0, 26.816, 327.482

 43, 26.816,

 43, 26.816,

327.482

327.482

40, 35.337,
328.008

46, 18.048,
326.940

37, 43.373,
328.508

50, 9.222, 326.388

35, 50.622,
328.969

53, 0.465, 325.454

57, 8.139, 145.371

33, 56.757,
329.384

61, 16.538,
144.850

31, 61.477,
329.745

64, 24.704,
144.359

30, 64.589,
330.052

68, 32.625,
143.893

29, 66.560,
330.310

72, 40.301,
143.452

76, 47.738,

Harmonies

Complementary

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



43, 26.816, 327.482



50, 26.808, 143.774

Rectangle

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



43, 26.816, 327.482



43, 26.816, 17.482



43, 26.816, 147.482



43, 26.816, 197.482

Sweetspot

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



43, 26.814, 327.482



64, 9.751, 326.314



39, 23.900, 295.410



33, 6.834, 326.385



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



43, 26.814, 327.482



53, 40.041, 327.870



42, 19.270, 349.308



25, 4.927, 326.307



29, 66.492, 330.310



0, 0.000, 0.000

Inverse Universe

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



43, 26.814, 327.482



53, 40.041, 327.870



50, 18.400, 163.648



25, 4.927, 326.307



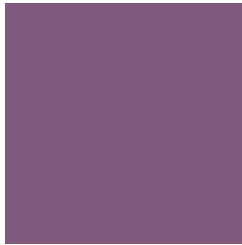
29, 66.492, 330.310



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 26.816, 327.482 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 CIE LCh color 43, 26.816, 327.482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

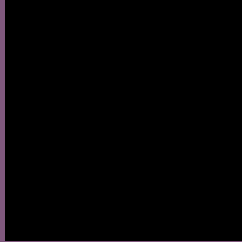
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 26.816, 327.482

Background



This preview shows how black text looks on a background with the CIELCh color 43, 26.816, 327.482.



This preview shows how white text looks on a background with the CIELCh color 43, 26.816, 327.482.

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, 26.816, 327.482

Protanopia

43, 19.951, 284.840

Deuteranopia

43, 14.462, 293.732



Tritanopia
43, 13.413, 3.174

Trichromacy



Original Color
43, 26.816, 327.482

Protanomaly
43, 20.828, 302.230

Deuteranomaly
43, 18.477, 310.697

Tritanomaly
43, 17.316, 343.449

Monochromacy



Original Color
43, 26.816, 327.482

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 10.173, 325.068

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 26.816, 327.482 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(128, 89, 126)` looks like.

```
.text, #text, p{  
    color:rgb(128, 89, 126)  
}
```

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(128, 89, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 89, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 26.816, 327.482 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(128, 89, 126) }
```

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

```
.border{ border-color:rgb(128, 89, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 89, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 89, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 89, 126);  
box-shadow:4px 4px 4px 4px rgb(128, 89,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 26.816, 327.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 89, 126) }
```

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

```
.background{ background-color: rgb(128, 89,  
126) }
```

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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