

Converting Colors

CIELCh(43, 24.783, 328.579)

Have a look what the booklet for
CIELCh(43, 24.783, 328.579)
contains.

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Color

CIELCh(43, 24.520, 329.155)

Conversions

Conversions Part 1

Format	Color
Hex	7F5A7B
RGB	127, 90, 123
RGB Percent	50%, 35%, 48%
CMY	0.5034, 0.6484, 0.5191
CMYK	0.00, 0.29, 0.03, 0.50
HSL	306°, 17%, 42%
HSV	306°, 29%, 50%
XYZ	15.8760, 13.1578, 20.3218
YIQ	104.8250, 11.4590, 18.1070

Conversions

Conversions Part 2

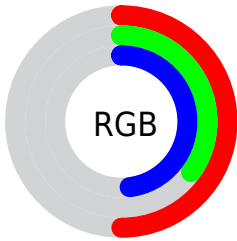
Format	Color
R_{YB}	127, 90, 123
Decimal	8346235
CIE _{Lab}	43.00, 21.05, -12.57
CIE _{LCh}	43, 24.520, 329.155
Yxy	13.1578, 0.3217, 0.2666
Android (android.graphics.Color)	4286536315 (0xFF7F5A7B)
YUV	104.8250, 8.9603, 19.4475
Hunter-Lab	36.2736, 14.6459, -7.8249

Details

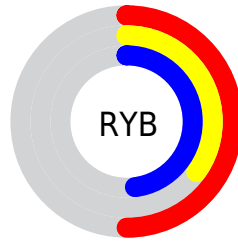
The CIELCh color $43, 24.520, 329.155$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $50, 24.485, 145.519$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 24.352, 328.588$, and $23, 24.716, 329.211$ is the 20% darker color. If you saturate the color by 10%, you get $40, 32.717, 329.727$, and if you desaturate by 10%, it is $46, 16.120, 328.580$.

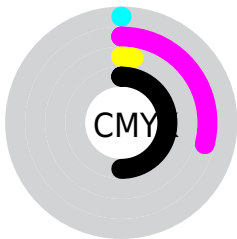
Distribution



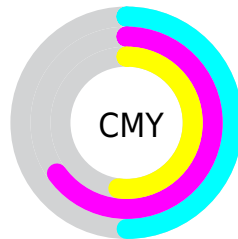
- Red (50%)
- Green (35%)
- Blue (48%)



- Red (50%)
- Yellow (35%)
- Blue (48%)



- Cyan (0%)
- Magenta (29%)
- Yellow (3%)
- Black (50%)





- Cyan (50%)
- Magenta (65%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 24.520, 329.155 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, 24.520, 329.155 by changing the saturation by 10% instead.


 43, 24.520,
329.155


 43, 24.520,
329.155


 100, 24.520,
329.155

 33, 24.520,
329.155

 63, 24.520,
329.155


 23, 24.520,
329.155

 73, 24.520,
329.155

 13, 24.520,
329.155

 83, 24.520,
329.155

 3, 24.520, 329.155

 93, 24.520,
329.155

 0, 24.520, 329.155

 43, 24.520,

 43, 24.520,

329.155

40, 32.717,
329.727

37, 40.487,
330.289

34, 47.544,
330.835

32, 53.561,
331.361

31, 58.227,
331.869

29, 61.319,
332.363

29, 63.218,
332.852

29, 63.369,
332.891

329.155

46, 16.120,
328.580

50, 7.690, 328.002

53, 0.656, 147.784

57, 8.846, 146.961

61, 16.834,
146.434

64, 24.599,
145.936

68, 32.133,
145.464

72, 39.435,
145.017

76, 46.515,

Harmonies

Complementary

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



43, 24.520, 329.155



50, 24.485, 145.519

Rectangle

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



43, 24.520, 329.155



43, 24.520, 19.155



43, 24.520, 149.155



43, 24.520, 199.155

Sweetspot

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



43, 24.518, 329.155



64, 9.375, 328.003



40, 22.678, 296.907



33, 6.571, 328.076



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, 24.518, 329.155



53, 36.507, 329.536



42, 17.803, 352.267



25, 4.737, 327.996



29, 63.680, 332.894



0, 0.000, 0.000

Inverse Universe

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



43, 24.518, 329.155



53, 36.507, 329.536



50, 16.845, 166.711



25, 4.737, 327.996



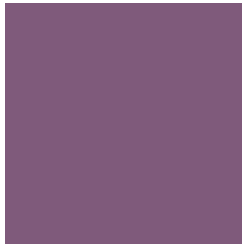
29, 63.680, 332.894



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 24.520, 329.155 looks on a white background.

Color Contrast Check

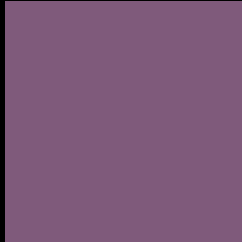
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.520, 329.155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

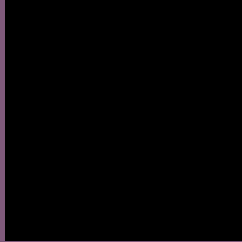
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 24.520, 329.155

Background



This preview shows how black text looks on a background with the CIELCh color 43, 24.520, 329.155.

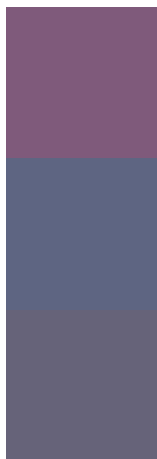


This preview shows how white text looks on a background with the CIELCh color 43, 24.520, 329.155.

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, 24.520, 329.155

Protanopia

43, 17.550, 284.386

Deuteranopia

43, 13.338, 297.013



Tritanopia
43, 13.413, 3.174

Trichromacy



Original Color
43, 24.520, 329.155

Protanomaly
43, 18.472, 303.273

Deuteranomaly
43, 16.792, 312.598

Tritanomaly
43, 16.986, 345.089

Monochromacy



Original Color
43, 24.520, 329.155

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 8.974, 327.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 24.520, 329.155 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(127, 90, 123)` looks like.

```
.text, #text, p{  
    color:rgb(127, 90, 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(127, 90, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 90, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 24.520, 329.155 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(127, 90, 123) }
```

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

```
.border{ border-color:rgb(127, 90, 123) }
```

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

Here you see how a box with a 4 pixel rgb(127, 90, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 90, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 90, 123);  
box-shadow:4px 4px 4px 4px rgb(127, 90,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 24.520, 329.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 90, 123) }
```

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

```
.background{ background-color: rgb(127, 90,  
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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