

Converting Colors

CIELCh(43, 24.472, 332.626)

Have a look what the booklet for
CIELCh(43, 24.472, 332.626)
contains.

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Color

CIELCh(43, 24.799, 332.441)

Conversions

Conversions Part 1

Format	Color
Hex	815979
RGB	129, 89, 121
RGB Percent	51%, 35%, 47%
CMY	0.4946, 0.6515, 0.5260
CMYK	0.00, 0.31, 0.06, 0.49
HSL	312°, 18%, 43%
HSV	312°, 31%, 51%
XYZ	16.0380, 13.1578, 19.7416
YIQ	104.6080, 13.5680, 18.4320

Conversions

Conversions Part 2

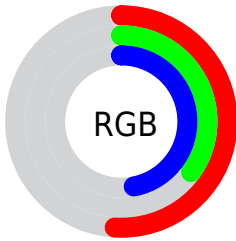
Format	Color
RYB	129, 89, 121
Decimal	8477049
CIELab	43.00, 21.99, -11.47
CIElCh	43, 24.799, 332.441
Yxy	13.1578, 0.3277, 0.2689
Android (android.graphics.Color)	4286667129 (0xFF815979)
YUV	104.6080, 8.0813, 21.3918
Hunter-Lab	36.2736, 15.4430, -6.8765

Details

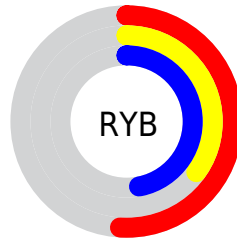
The CIELCh color $[43, 24.799, 332.441]$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $[50, 24.691, 148.263]$, and the grayscale version is $[44, 0.006, 296.813]$.

A 20% lighter version of the original color is $[63, 24.222, 332.496]$, and $[23, 24.924, 332.902]$ is the 20% darker color. If you saturate the color by 10%, you get $[40, 32.570, 333.107]$, and if you desaturate by 10%, it is $[46, 16.809, 331.795]$.

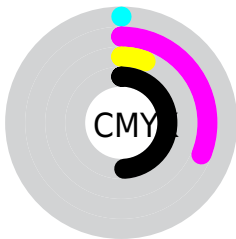
Distribution



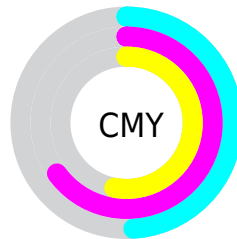
- Red (51%)
- Green (35%)
- Blue (47%)



- Red (51%)
- Yellow (35%)
- Blue (47%)



- Cyan (0%)
- Magenta (31%)
- Yellow (6%)
- Black (49%)




- Cyan (49%)
- Magenta (65%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 24.799, 332.441 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, 24.799, 332.441 by changing the saturation by 10% instead.

 43, 24.799,
332.441


 43, 24.799,
332.441


 100, 24.799,
332.441

 33, 24.799,
332.441

 63, 24.799,
332.441


 23, 24.799,
332.441

 73, 24.799,
332.441

 13, 24.799,
332.441

 83, 24.799,
332.441

 3, 24.799, 332.441

 93, 24.799,
332.441

 0, 24.799, 332.441

 43, 24.799,

 43, 24.799,

332.441

40, 32.570,
333.107

37, 39.892,
333.793

34, 46.469,
334.505

32, 51.965,
335.254

30, 56.064,
336.058

29, 58.553,
336.947

28, 59.920,
337.795

332.441

46, 16.809,
331.795

50, 8.778, 331.162

54, 0.819, 330.316

57, 6.992, 150.048

61, 14.613,
149.483

65, 22.020,
148.957

69, 29.208,
148.460

72, 36.178,
147.990

76, 42.936,

Harmonies

Complementary

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



43, 24.799, 332.441



50, 24.691, 148.263

Rectangle

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



43, 24.799, 332.441



43, 24.799, 22.441



43, 24.799, 152.441



43, 24.799, 202.441

Sweetspot

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



43, 24.797, 332.441



65, 8.898, 331.046



40, 24.637, 299.910



33, 6.159, 331.125



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, 24.797, 332.441



53, 36.640, 332.894



42, 18.503, 358.083



25, 4.440, 331.038



28, 59.470, 337.782



0, 0.000, 0.000

Inverse Universe

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



43, 24.797, 332.441



53, 36.640, 332.894



51, 17.032, 171.871



25, 4.440, 331.038



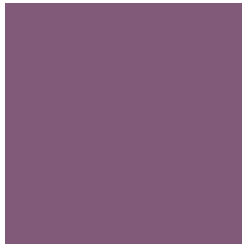
28, 59.470, 337.782



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 24.799, 332.441 looks on a white background.

Color Contrast Check

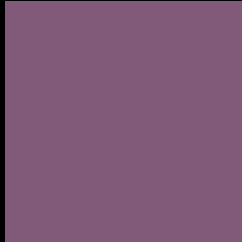
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.799, 332.441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

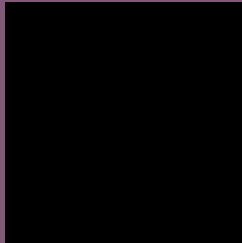
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 24.799, 332.441

Background



This preview shows how black text looks on a background with the CIELCh color 43, 24.799, 332.441.



This preview shows how white text looks on a background with the CIELCh color 43, 24.799, 332.441.

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, 24.799, 332.441

Protanopia

43, 16.919, 285.171

Deuteranopia

43, 12.245, 300.999



Tritanopia
43, 14.683, 5.005

Trichromacy



Original Color
43, 24.799, 332.441

Protanomaly
43, 17.960, 304.789

Deuteranomaly
43, 16.711, 317.205

Tritanomaly
43, 17.358, 348.547

Monochromacy



Original Color
43, 24.799, 332.441

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 8.767, 331.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 24.799, 332.441 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(129, 89, 121)` looks like.

```
.text, #text, p{  
    color:rgb(129, 89, 121)  
}
```

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(129, 89, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 89, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 24.799, 332.441 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(129, 89, 121) }
```

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

```
.border{ border-color:rgb(129, 89, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 89, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 89, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 89, 121);  
box-shadow:4px 4px 4px 4px rgb(129, 89,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 24.799, 332.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 89, 121) }
```

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

```
.background{ background-color: rgb(129, 89,  
121) }
```

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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