

Converting Colors

CIELCh(43, 24.237, 331.473)

Have a look what the booklet for
CIELCh(43, 24.237, 331.473)
contains.

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Color

CIELCh(43, 24.562, 331.658)

Conversions

Conversions Part 1

Format	Color
Hex	805979
RGB	128, 89, 121
RGB Percent	50%, 35%, 47%
CMY	0.4974, 0.6503, 0.5248
CMYK	0.00, 0.30, 0.05, 0.50
HSL	311°, 18%, 43%
HSV	311°, 30%, 50%
XYZ	15.9741, 13.1578, 19.8395
YIQ	104.3090, 12.9720, 18.2200

Conversions

Conversions Part 2

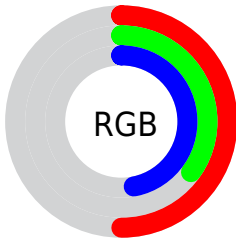
Format	Color
R_{YB}	128, 89, 121
Decimal	8411513
CIE _{Lab}	43.00, 21.62, -11.66
CIE _{LCh}	43, 24.562, 331.658
Yxy	13.1578, 0.3262, 0.2687
Android (android.graphics.Color)	4286601593 (0xFF805979)
YUV	104.3090, 8.2287, 20.7770
Hunter-Lab	36.2736, 15.1285, -7.0366

Details

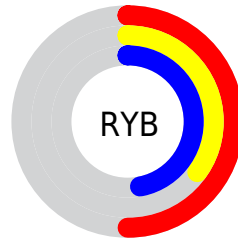
The CIELCh color $43, 24.562, 331.658$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $50, 24.476, 147.641$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 24.653, 331.634$, and $23, 24.701, 332.016$ is the 20% darker color. If you saturate the color by 10%, you get $40, 32.421, 332.299$, and if you desaturate by 10%, it is $46, 16.491, 331.030$.

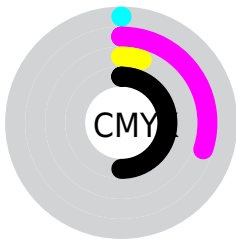
Distribution



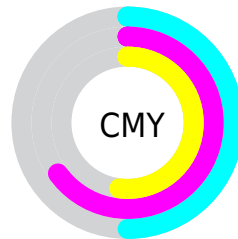
- Red (50%)
- Green (35%)
- Blue (47%)



- Red (50%)
- Yellow (35%)
- Blue (47%)



- Cyan (0%)
- Magenta (30%)
- Yellow (5%)
- Black (50%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 24.562, 331.658 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, 24.562, 331.658 by changing the saturation by 10% instead.

 43, 24.562,
331.658

 43, 24.562,
331.658


 100, 24.562,
331.658

 33, 24.562,
331.658

 63, 24.562,
331.658

 23, 24.562,
331.658

 73, 24.562,
331.658

 13, 24.562,
331.658

 83, 24.562,
331.658

 3, 24.562, 331.658

 93, 24.562,
331.658

 0, 24.562, 331.658

 43, 24.562,

 43, 24.562,

331.658

40, 32.421,
332.299

37, 39.843,
332.954

34, 46.532,
333.623

32, 52.159,
334.315

30, 56.405,
335.042

29, 59.053,
335.829

28, 60.585,
336.623

331.658

46, 16.491,
331.030

50, 8.383, 330.411

53, 0.352, 329.230

57, 7.530, 149.317

61, 15.218,
148.763

65, 22.692,
148.244

68, 29.944,
147.754

72, 36.976,
147.290

76, 43.794,

Harmonies

Complementary

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



43, 24.562, 331.658



50, 24.476, 147.641

Rectangle

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



43, 24.562, 331.658



43, 24.562, 21.658



43, 24.562, 151.658



43, 24.562, 201.658

Sweetspot

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



43, 24.560, 331.658



64, 8.916, 330.335



40, 24.005, 299.288



33, 6.249, 330.413



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, 24.560, 331.658



52, 36.696, 332.132



42, 18.179, 356.850



25, 4.505, 330.328



28, 60.361, 336.617



0, 0.000, 0.000

Inverse Universe

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



43, 24.560, 331.658



52, 36.696, 332.132



51, 16.847, 170.813



25, 4.505, 330.328



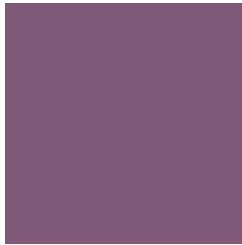
28, 60.361, 336.617



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 24.562, 331.658 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, 24.562, 331.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

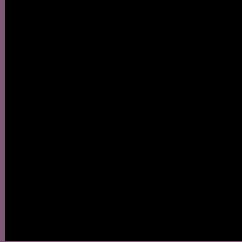
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 24.562, 331.658

Background



This preview shows how black text looks on a background with the CIELCh color 43, 24.562, 331.658.



This preview shows how white text looks on a background with the CIELCh color 43, 24.562, 331.658.

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, 24.562, 331.658

Protanopia

43, 16.919, 285.171

Deuteranopia

43, 12.187, 299.193



Tritanopia
43, 14.266, 4.433

Trichromacy



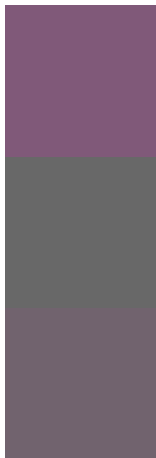
Original Color
43, 24.562, 331.658

Protanomaly
43, 17.960, 304.789

Deuteranomaly
43, 16.553, 315.935

Tritanomaly
43, 17.013, 347.688

Monochromacy



Original Color
43, 24.562, 331.658

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, 24.562, 331.658 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, 121)` looks like.

```
.text, #text, p{  
    color:rgb(128, 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(128, 89, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 89, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 24.562, 331.658 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, 121) }
```

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

```
.border{ border-color:rgb(128, 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(128, 89, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 89, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 89, 121);  
box-shadow:4px 4px 4px 4px rgb(128, 89,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 24.562, 331.658 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, 121) }
```

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

```
.background{ background-color: rgb(128, 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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