

Converting Colors

CIELCh(43, 24.612, 330.583)

Have a look what the booklet for
CIELCh(43, 24.612, 330.583)
contains.

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Color

CIELCh(43, 25.001, 330.756)

Conversions

Conversions Part 1

Format	Color
Hex	80597A
RGB	128, 89, 122
RGB Percent	50%, 35%, 48%
CMY	0.4978, 0.6507, 0.5213
CMYK	0.00, 0.30, 0.05, 0.50
HSL	309°, 18%, 43%
HSV	309°, 30%, 50%
XYZ	16.0083, 13.1578, 20.1314
YIQ	104.4230, 12.6510, 18.5310

Conversions

Conversions Part 2

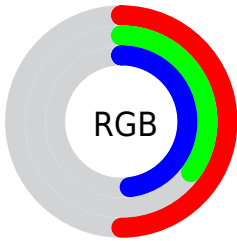
Format	Color
R_{YB}	128, 89, 122
Decimal	8411514
CIE _{Lab}	43.00, 21.81, -12.21
CIE _{LCh}	43, 25.001, 330.756
Yxy	13.1578, 0.3247, 0.2669
Android (android.graphics.Color)	4286601594 (0xFF80597A)
YUV	104.4230, 8.6655, 20.6770
Hunter-Lab	36.2736, 15.2968, -7.5137

Details

The CIELCh color $43, 25.001, 330.756$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $50, 24.937, 146.814$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 24.398, 330.901$, and $23, 25.171, 331.022$ is the 20% darker color. If you saturate the color by 10%, you get $40, 32.988, 331.371$, and if you desaturate by 10%, it is $46, 16.795, 330.149$.

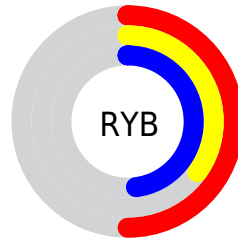
Distribution



Red (50%)

Green (35%)

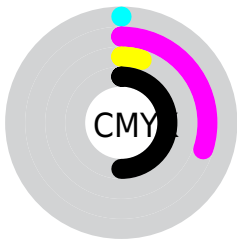
Blue (48%)



Red (50%)

Yellow (35%)

Blue (48%)

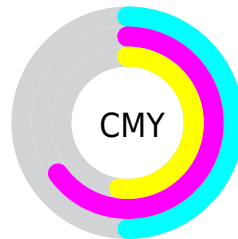


Cyan (0%)

Magenta (30%)

Yellow (5%)

Black (50%)



Cyan (50%)


Magenta (65%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 25.001, 330.756 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, 25.001, 330.756 by changing the saturation by 10% instead.


 43, 25.001,
330.756


 43, 25.001,
330.756


 100, 25.001,
330.756


 33, 25.001,
330.756

 63, 25.001,
330.756


 23, 25.001,
330.756

 73, 25.001,
330.756

 13, 25.001,
330.756

 83, 25.001,
330.756

 3, 25.001, 330.756

 93, 25.001,
330.756

 0, 25.001, 330.756

 43, 25.001,

 43, 25.001,

330.756

40, 32.988,
331.371

37, 40.528,
331.989

34, 47.323,
332.611

32, 53.045,
333.238

31, 57.378,
333.881

29, 60.108,
334.555

29, 61.716,
335.221

330.756

46, 16.795,
330.149

50, 8.547, 329.546

53, 0.373, 328.425

57, 7.650, 148.470

61, 15.479,
147.924

65, 23.090,
147.412

68, 30.475,
146.927

72, 37.636,
146.469

76, 44.580,

Harmonies

Complementary

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



43, 25.001, 330.756



50, 24.937, 146.814

Rectangle

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



43, 25.001, 330.756



43, 25.001, 20.756



43, 25.001, 150.756



43, 25.001, 200.756

Sweetspot

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



43, 24.999, 330.756



64, 9.079, 329.470



40, 23.985, 298.731



33, 6.363, 329.546



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, 24.999, 330.756



52, 37.345, 331.210



42, 18.313, 355.717



25, 4.587, 329.463



28, 61.520, 335.217



0, 0.000, 0.000

Inverse Universe

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



43, 24.999, 330.756



52, 37.345, 331.210



50, 17.054, 169.713



25, 4.587, 329.463



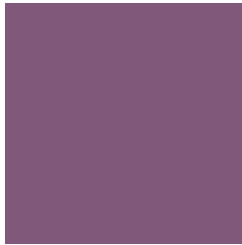
28, 61.520, 335.217



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 25.001, 330.756 looks on a white background.

Color Contrast Check

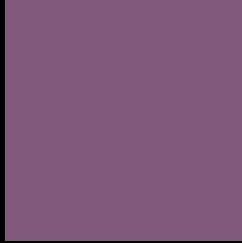
Large Text (above 18pt) WCAG AA ✓ Pass

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, 25.001, 330.756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

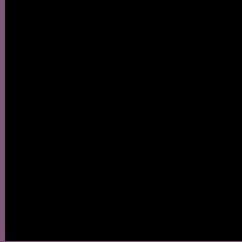
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 25.001, 330.756

Background



This preview shows how black text looks on a background with the CIELCh color 43, 25.001, 330.756.



This preview shows how white text looks on a background with the CIELCh color 43, 25.001, 330.756.

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, 25.001, 330.756

Protanopia

43, 17.550, 284.386

Deuteranopia

43, 12.783, 298.906



Tritanopia
43, 14.266, 4.433

Trichromacy



Original Color
43, 25.001, 330.756

Protanomaly
43, 18.472, 303.273

Deuteranomaly
43, 17.098, 315.122

Tritanomaly
43, 17.013, 347.688

Monochromacy



Original Color
43, 25.001, 330.756

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 9.221, 329.290

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 25.001, 330.756 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(128, 89, 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(128, 89, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 89, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 25.001, 330.756 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, 122) }
```

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

```
.border{ border-color:rgb(128, 89, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 89, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 89, 122);  
box-shadow:4px 4px 4px 4px rgb(128, 89,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 25.001, 330.756 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, 122) }
```

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

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