

Converting Colors

CIELCh(43, 23.667, 333.562)

Have a look what the booklet for
CIELCh(43, 23.667, 333.562)
contains.

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Color

CIELCh(43, 23.708, 333.570)

Conversions

Conversions Part 1

Format	Color
Hex	805977
RGB	128, 89, 119
RGB Percent	50%, 35%, 47%
CMY	0.4966, 0.6497, 0.5320
CMYK	0.00, 0.30, 0.07, 0.50
HSL	314°, 18%, 43%
HSV	314°, 30%, 50%
XYZ	15.9068, 13.1578, 19.2637
YIQ	104.0810, 13.6140, 17.5980

Conversions

Conversions Part 2

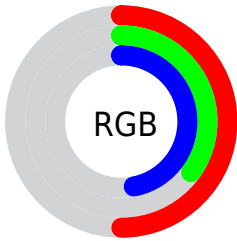
Format	Color
R_{YB}	128, 89, 119
Decimal	8411511
CIE _{Lab}	43.00, 21.23, -10.55
CIE _{LCh}	43, 23.708, 333.570
Yxy	13.1578, 0.3291, 0.2723
Android (android.graphics.Color)	4286601591 (0xFF805977)
YUV	104.0810, 7.3551, 20.9770
Hunter-Lab	36.2736, 14.7976, -6.0953

Details

The CIELCh color **43, 23.708, 333.570** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **50, 23.567, 149.385**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 23.847, 333.405**, and **23, 24.239, 333.054** is the 20% darker color. If you saturate the color by 10%, you get **40, 31.320, 334.271**, and if you desaturate by 10%, it is **46, 15.900, 332.897**.

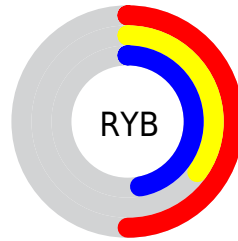
Distribution



Red (50%)

Green (35%)

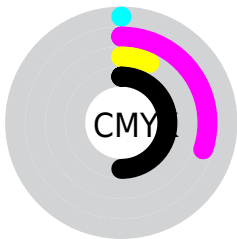
Blue (47%)



Red (50%)

Yellow (35%)

Blue (47%)

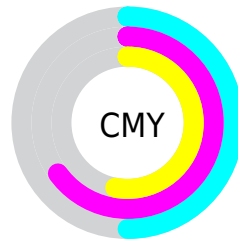


Cyan (0%)

Magenta (30%)

Yellow (7%)

Black (50%)



Cyan (50%)


Magenta (65%)


Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 23.708, 333.570 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, 23.708, 333.570 by changing the saturation by 10% instead.


 43, 23.708,
333.570


 43, 23.708,
333.570


 100, 23.708,
333.570


 33, 23.708,
333.570

 63, 23.708,
333.570


 23, 23.708,
333.570

 73, 23.708,
333.570

 13, 23.708,
333.570

 83, 23.708,
333.570

 3, 23.708, 333.570

 93, 23.708,
333.570

 0, 23.708, 333.570

 43, 23.708,

 43, 23.708,

333.570

333.570

40, 31.320,
334.271

46, 15.900,
332.897

37, 38.515,
335.005

50, 8.066, 332.242

34, 45.003,
335.780

54, 0.313, 330.924

57, 7.290, 151.105

32, 50.452,
336.613

61, 14.701,
150.532

30, 54.541,
337.530

65, 21.903,
149.999

29, 57.044,
338.568

69, 28.890,
149.495

28, 58.448,
339.651

72, 35.664,
149.020

76, 42.233,

Harmonies

Complementary

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



43, 23.708, 333.570



50, 23.567, 149.385

Rectangle

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



43, 23.708, 333.570



43, 23.708, 23.570



43, 23.708, 153.570



43, 23.708, 203.570

Sweetspot

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



43, 23.706, 333.571



64, 8.596, 332.164



40, 24.082, 300.967



33, 6.025, 332.246



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, 23.706, 333.571



53, 34.499, 334.017



42, 17.826, 0.352



25, 4.343, 332.157



28, 58.172, 339.642



0, 0.000, 0.000

Inverse Universe

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



43, 23.706, 333.571



53, 34.499, 334.017



51, 16.263, 174.267



25, 4.343, 332.157



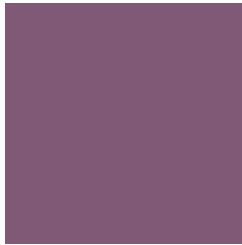
28, 58.172, 339.642



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 43, 23.708, 333.570 looks on a white background.

Color Contrast Check

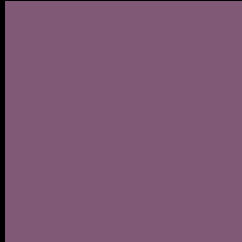
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.708, 333.570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

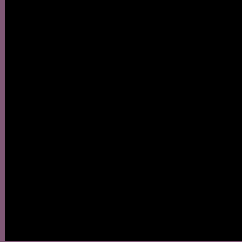
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 23.708, 333.570

Background



This preview shows how black text looks on a background with the CIELCh color 43, 23.708, 333.570.



This preview shows how white text looks on a background with the CIELCh color 43, 23.708, 333.570.

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, 23.708, 333.570

Protanopia

43, 15.734, 284.376

Deuteranopia

43, 11.060, 301.900



Tritanopia
43, 14.683, 5.005

Trichromacy



Original Color
43, 23.708, 333.570

Protanomaly
43, 16.793, 305.596

Deuteranomaly
43, 15.648, 319.095

Tritanomaly
43, 17.080, 350.282

Monochromacy



Original Color
43, 23.708, 333.570

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, 23.708, 333.570 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, 119)` looks like.

```
.text, #text, p{  
    color:rgb(128, 89, 119)  
}
```

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, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 89, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 23.708, 333.570 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, 119) }
```

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

```
.border{ border-color:rgb(128, 89, 119) }
```

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, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 89, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 89, 119);  
box-shadow:4px 4px 4px 4px rgb(128, 89,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 23.708, 333.570 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, 119) }
```

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

```
.background{ background-color: rgb(128, 89,  
119) }
```

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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