

Converting Colors

CIELCh(43, 41.211, 323.717)

Have a look what the booklet for
CIELCh(43, 41.211, 323.717)
contains.

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Color

CIELCh(43, 41.253, 323.728)

Conversions

Conversions Part 1

Format	Color
Hex	88518E
RGB	136, 81, 142
RGB Percent	53%, 32%, 56%
CMY	0.4653, 0.6811, 0.4418
CMYK	0.04, 0.43, 0.00, 0.44
HSL	294°, 27%, 44%
HSV	294°, 43%, 56%
XYZ	18.0824, 13.1578, 27.3104
YIQ	104.3990, 13.1990, 30.6310

Conversions

Conversions Part 2

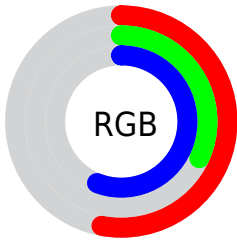
Format	Color
R_{YB}	136, 81, 142
Decimal	8933774
CIE _{Lab}	43.00, 33.26, -24.41
CIE _{LCh}	43, 41.253, 323.728
Yxy	13.1578, 0.3088, 0.2247
Android (android.graphics.Color)	4287123854 (0xFF88518E)
YUV	104.3990, 18.5373, 27.7141
Hunter-Lab	36.2736, 25.5033, -19.2478

Details

The CIELCh color $43, 41.253, 323.728$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $54, 40.997, 139.034$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 41.073, 323.458$, and $23, 41.090, 324.189$ is the 20% darker color. If you saturate the color by 10%, you get $40, 50.160, 324.107$, and if you desaturate by 10%, it is $46, 31.820, 323.297$.

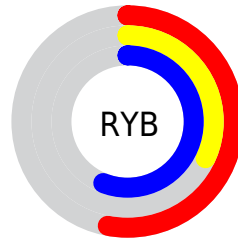
Distribution



Red (53%)

Green (32%)

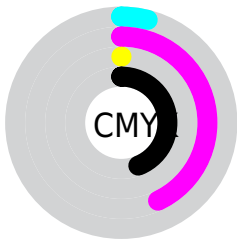
Blue (56%)



Red (53%)

Yellow (32%)

Blue (56%)

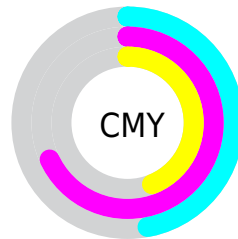


Cyan (4%)

Magenta (43%)

Yellow (0%)

Black (44%)



Cyan (47%)


Magenta (68%)


Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 41.253, 323.728 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, 41.253, 323.728 by changing the saturation by 10% instead.


 43, 41.253,
323.728


 43, 41.253,
323.728


 100, 41.253,
323.728


 33, 41.253,
323.728

 63, 41.253,
323.728


 23, 41.253,
323.728

 73, 41.253,
323.728

 13, 41.253,
323.728

 83, 41.253,
323.728

 3, 41.253, 323.728

 93, 41.253,
323.728

 0, 41.253, 323.728

 43, 41.253,

 43, 41.253,

323.728

40, 50.160,
324.107

37, 58.206,
324.409

35, 65.008,
324.608

33, 70.207,
324.678

32, 73.580,
324.601

31, 75.346,
324.498

323.728

46, 31.820,
323.297

50, 22.137,
322.835

54, 12.401,
322.356

58, 2.747, 321.832

62, 6.735, 141.463

66, 15.995,
141.002

70, 25.003,
140.575

74, 33.747,
140.174

■ 79, 42.227,
139.800

Harmonies

Complementary

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



43, 41.253, 323.728



54, 40.997, 139.034

Rectangle

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



43, 41.253, 323.728



43, 41.253, 13.728



43, 41.253, 143.728



43, 41.253, 193.728

Sweetspot

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



43, 41.251, 323.728



69, 15.598, 322.376



39, 33.614, 291.851



36, 11.013, 322.474



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43, 41.251, 323.728



52, 60.317, 324.080



43, 32.268, 342.270



28, 5.442, 322.175



29, 72.560, 324.516



1, 3.652, 321.760

Inverse Universe

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



42, 27.288, 16.233



51, 41.169, 18.064



54, 31.447, 154.711



28, 3.268, 11.952



27, 61.042, 34.663



0, 2.147, 11.288

Previews

White Background



This preview shows how the CIELCh color 43, 41.253, 323.728 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, 41.253, 323.728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

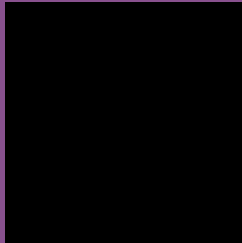
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 41.253, 323.728

Background



This preview shows how black text looks on a background with the CIELCh color 43, 41.253, 323.728.



This preview shows how white text looks on a background with the CIELCh color 43, 41.253, 323.728.

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, 41.253, 323.728

Protanopia

43, 35.032, 285.554

Deuteranopia

43, 22.973, 284.796



Tritanopia
43, 17.275, 7.981

Trichromacy



Original Color
43, 41.253, 323.728

Protanomaly
43, 35.755, 299.304

Deuteranomaly
43, 28.226, 303.414

Tritanomaly
43, 24.245, 341.372

Monochromacy



Original Color
43, 41.253, 323.728

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 15.991, 321.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 41.253, 323.728 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(136, 81, 142)` looks like.

```
.text, #text, p{  
    color:rgb(136, 81, 142)  
}
```

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(136, 81, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 81, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 41.253, 323.728 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(136, 81, 142) }
```

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

```
.border{ border-color:rgb(136, 81, 142) }
```

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

Here you see how a box with a 4 pixel rgb(136, 81, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 81, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 81, 142);  
box-shadow:4px 4px 4px 4px rgb(136, 81,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 41.253, 323.728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 81, 142) }
```

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

```
.background{ background-color: rgb(136, 81,  
142) }
```

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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