

Converting Colors

CIELCh(43, 42.110, 318.077)

Have a look what the booklet for
CIELCh(43, 42.110, 318.077)
contains.

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Color

CIELCh(43, 42.183, 318.273)

Conversions

Conversions Part 1

Format	Color
Hex	825394
RGB	130, 83, 148
RGB Percent	51%, 33%, 58%
CMY	0.4888, 0.6732, 0.4183
CMYK	0.12, 0.44, 0.00, 0.42
HSL	283°, 28%, 45%
HSV	283°, 44%, 58%
XYZ	17.7493, 13.1578, 29.7645
YIQ	104.4630, 7.1470, 30.1790

Conversions

Conversions Part 2

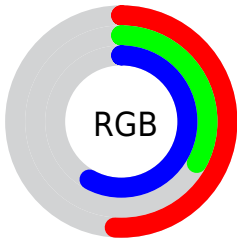
Format	Color
R_{YB}	130, 83, 148
Decimal	8541076
CIE _{Lab}	43.00, 31.48, -28.08
CIE _{LCh}	43, 42.183, 318.273
Yxy	13.1578, 0.2925, 0.2169
Android (android.graphics.Color)	4286731156 (0xFF825394)
YUV	104.4630, 21.4637, 22.3959
Hunter-Lab	36.2736, 23.8642, -23.2591

Details

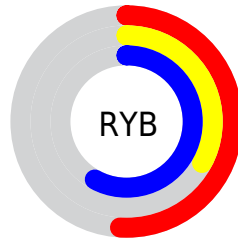
The CIELCh color $43, 42.183, 318.273$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $57, 41.011, 134.269$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 41.765, 318.281$, and $23, 42.001, 318.222$ is the 20% darker color. If you saturate the color by 10%, you get $39, 51.471, 318.616$, and if you desaturate by 10%, it is $47, 32.551, 317.876$.

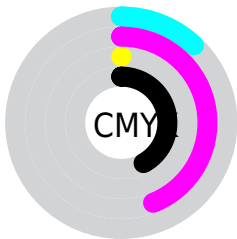
Distribution



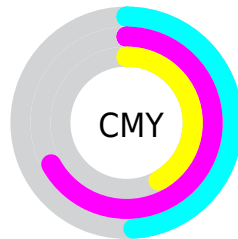
- Red (51%)
- Green (33%)
- Blue (58%)



- Red (51%)
- Yellow (33%)
- Blue (58%)



- Cyan (12%)
- Magenta (44%)
- Yellow (0%)
- Black (42%)





- Cyan (49%)
- Magenta (67%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 42.183, 318.273 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, 42.183, 318.273 by changing the saturation by 10% instead.


 43, 42.183,
318.273


 43, 42.183,
318.273


 100, 42.183,
318.273


 33, 42.183,
318.273

 63, 42.183,
318.273


 23, 42.183,
318.273

 73, 42.183,
318.273

 13, 42.183,
318.273

 83, 42.183,
318.273

 3, 42.183, 318.273

 93, 42.183,
318.273

 0, 42.183, 318.273

 43, 42.183,

 43, 42.183,

318.273

■ 39, 51.471,
318.616

■ 36, 60.087,
318.864

■ 33, 67.605,
318.969

■ 30, 73.558,
318.873

■ 29, 77.571,
318.525

■ 28, 79.553,
318.260

318.273

■ 47, 32.551,
317.876

■ 51, 22.816,
317.452

■ 55, 13.135,
317.022

■ 60, 3.605, 316.577

■ 64, 5.714, 136.249

■ 69, 14.794,
135.862

■ 73, 23.619,
135.514

■ 77, 32.190,
135.198

■ 82, 40.510,
134.910

Harmonies

Complementary

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



43, 42.183, 318.273



57, 41.011, 134.269

Rectangle

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



43, 42.183, 318.273



43, 42.183, 8.273



43, 42.183, 138.273



43, 42.183, 188.273

Sweetspot

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



43, 42.182, 318.273



71, 15.343, 316.998



43, 28.331, 282.043



36, 10.725, 317.085



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



43, 42.182, 318.273



51, 62.997, 318.624



45, 38.445, 333.990



29, 5.327, 316.822



25, 75.328, 318.319



1, 4.618, 316.460

Inverse Universe

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



44, 29.319, 2.970



52, 44.176, 4.996



56, 38.334, 147.482



29, 3.569, 358.373



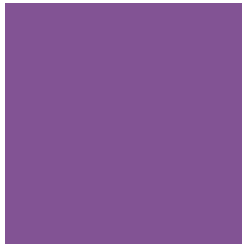
28, 55.622, 21.665



1, 3.063, 357.583

Previews

White Background



This preview shows how the CIELCh color 43, 42.183, 318.273 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, 42.183, 318.273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

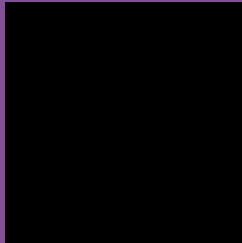
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 42.183, 318.273

Background



This preview shows how black text looks on a background with the CIELCh color 43, 42.183, 318.273.



This preview shows how white text looks on a background with the CIELCh color 43, 42.183, 318.273.

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, 42.183, 318.273

Protanopia

43, 37.452, 285.394

Deuteranopia

43, 26.695, 283.248



Tritanopia
43, 13.002, 2.504

Trichromacy



Original Color
43, 42.183, 318.273

Protanomaly
43, 37.990, 296.825

Deuteranomaly
43, 30.897, 298.864

Tritanomaly
43, 22.084, 333.109

Monochromacy



Original Color
43, 42.183, 318.273

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 15.961, 316.795

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 42.183, 318.273 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(130, 83, 148)` looks like.

```
.text, #text, p{  
    color:rgb(130, 83, 148)  
}
```

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(130, 83, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 83, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 42.183, 318.273 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(130, 83, 148) }
```

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

```
.border{ border-color:rgb(130, 83, 148) }
```

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

Here you see how a box with a 4 pixel rgb(130, 83, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 83, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 83, 148);  
box-shadow:4px 4px 4px 4px rgb(130, 83,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 42.183, 318.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 83, 148) }
```

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

```
.background{ background-color: rgb(130, 83,  
148) }
```

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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