

Converting Colors

CIELCh(43, 38.528, 325.413)

Have a look what the booklet for
CIELCh(43, 38.528, 325.413)
contains.

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Color

CIELCh(43, 38.685, 325.491)

Conversions

Conversions Part 1

Format	Color
Hex	88528A
RGB	136, 82, 138
RGB Percent	53%, 32%, 54%
CMY	0.4658, 0.6776, 0.4580
CMYK	0.01, 0.41, 0.00, 0.46
HSL	298°, 25%, 43%
HSV	298°, 41%, 54%
XYZ	17.8231, 13.1578, 25.7249
YIQ	104.5300, 14.2080, 28.8640

Conversions

Conversions Part 2

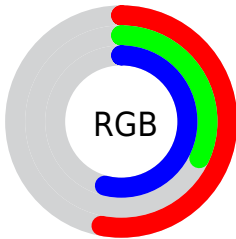
Format	Color
R_{YB}	136, 82, 138
Decimal	8934026
CIE _{Lab}	43.00, 31.88, -21.92
CIE _{LCh}	43, 38.685, 325.491
Yxy	13.1578, 0.3143, 0.2320
Android (android.graphics.Color)	4287124106 (0xFF88528A)
YUV	104.5300, 16.5007, 27.5992
Hunter-Lab	36.2736, 24.2275, -16.6563

Details

The CIELCh color $43, 38.685, 325.491$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $53, 38.651, 140.695$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 38.613, 325.118$, and $23, 38.980, 325.598$ is the 20% darker color. If you saturate the color by 10%, you get $40, 47.526, 325.921$, and if you desaturate by 10%, it is $46, 29.330, 325.019$.

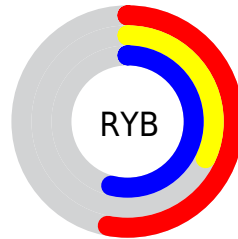
Distribution



Red (53%)

Green (32%)

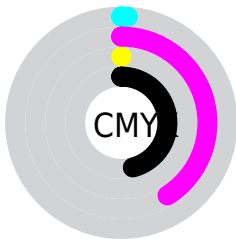
Blue (54%)



Red (53%)

Yellow (32%)

Blue (54%)

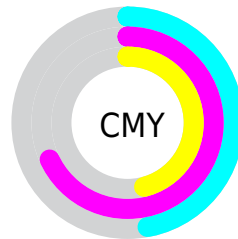


Cyan (1%)

Magenta (41%)

Yellow (0%)

Black (46%)



Cyan (47%)


Magenta (68%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 38.685, 325.491 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, 38.685, 325.491 by changing the saturation by 10% instead.

 43, 38.685,
325.491


 43, 38.685,
325.491


 100, 38.685,
325.491


 33, 38.685,
325.491

 63, 38.685,
325.491

 23, 38.685,
325.491

 73, 38.685,
325.491

 13, 38.685,
325.491


 83, 38.685,
325.491

 3, 38.685, 325.491

 93, 38.685,
325.491

 0, 38.685, 325.491

 43, 38.685,

 43, 38.685,

325.491

325.491

40, 47.526,
325.921

46, 29.330,
325.019

37, 55.533,
326.289

50, 19.729,
324.520

35, 62.347,
326.576

54, 10.075,
324.004

33, 67.636,
326.767

57, 0.505, 323.140

61, 8.893, 143.043

32, 71.186,
326.852

65, 18.063,
142.553

31, 73.407,
326.864

69, 26.977,
142.092

73, 35.623,
141.656

■ 77, 43.999,
141.246

Harmonies

Complementary

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



43, 38.685, 325.491



53, 38.651, 140.695

Rectangle

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



43, 38.685, 325.491



43, 38.685, 15.491



43, 38.685, 145.491



43, 38.685, 195.491

Sweetspot

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



43, 38.683, 325.491



67, 14.168, 324.095



38, 32.700, 293.506



34, 9.367, 324.150



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



43, 38.683, 325.491



52, 56.850, 325.901



42, 28.933, 344.684



27, 5.381, 323.931



30, 71.234, 326.869



0, 2.483, 323.487

Inverse Universe

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



41, 25.238, 20.542



49, 38.596, 22.245



53, 27.941, 157.303



27, 3.149, 16.996



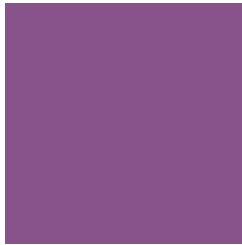
27, 62.026, 37.243



0, 1.417, 16.441

Previews

White Background



This preview shows how the CIELCh color 43, 38.685, 325.491 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, 38.685, 325.491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

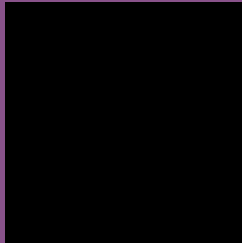
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 38.685, 325.491

Background



This preview shows how black text looks on a background with the CIELCh color 43, 38.685, 325.491.

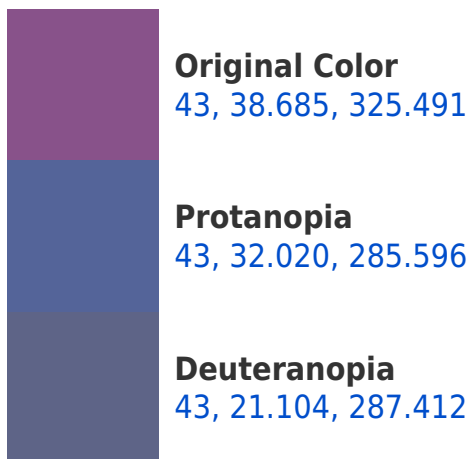


This preview shows how white text looks on a background with the CIELCh color 43, 38.685, 325.491.

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





Tritanopia
43, 17.701, 8.398

Trichromacy



Original Color
43, 38.685, 325.491

Protanomaly
43, 32.774, 299.995

Deuteranomaly
43, 26.016, 305.751

Tritanomaly
43, 23.536, 343.656

Monochromacy



Original Color
43, 38.685, 325.491

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 14.257, 323.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 38.685, 325.491 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, 82, 138)` looks like.

```
.text, #text, p{  
    color:rgb(136, 82, 138)  
}
```

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, 82, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 82, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 38.685, 325.491 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, 82, 138) }
```

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

```
.border{ border-color:rgb(136, 82, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 82, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 82, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 82, 138);  
box-shadow:4px 4px 4px 4px rgb(136, 82,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 38.685, 325.491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 82, 138) }
```

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

```
.background{ background-color: rgb(136, 82,  
138) }
```

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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