

Converting Colors

CIELCh(43, 41.232, 325.506)

Have a look what the booklet for
CIELCh(43, 41.232, 325.506)
contains.

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Color

CIELCh(43, 41.064, 325.159)

Conversions

Conversions Part 1

Format	Color
Hex	8A518D
RGB	138, 81, 141
RGB Percent	54%, 32%, 55%
CMY	0.4597, 0.6831, 0.4479
CMYK	0.02, 0.43, 0.00, 0.45
HSL	297°, 27%, 43%
HSV	297°, 43%, 55%
XYZ	18.1663, 13.1578, 26.7004
YIQ	104.8830, 14.7120, 30.7440

Conversions

Conversions Part 2

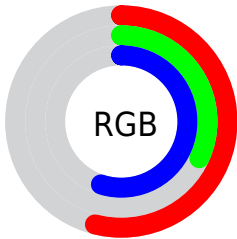
Format	Color
R_{YB}	138, 81, 141
Decimal	9064845
CIE _{Lab}	43.00, 33.70, -23.46
CIE _{LCh}	43, 41.064, 325.159
Yxy	13.1578, 0.3131, 0.2268
Android (android.graphics.Color)	4287254925 (0xFF8A518D)
YUV	104.8830, 17.8057, 29.0436
Hunter-Lab	36.2736, 25.9161, -18.2507

Details

The CIELCh color $43, 41.064, 325.159$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $53, 40.993, 140.177$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 41.104, 325.261$, and $23, 41.172, 324.726$ is the 20% darker color. If you saturate the color by 10%, you get $40, 49.892, 325.568$, and if you desaturate by 10%, it is $46, 31.665, 324.702$.

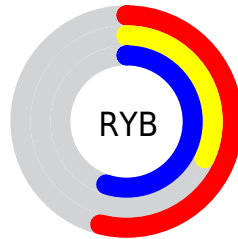
Distribution



Red (54%)

Green (32%)

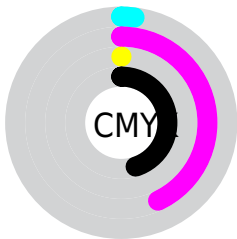
Blue (55%)



Red (54%)

Yellow (32%)

Blue (55%)

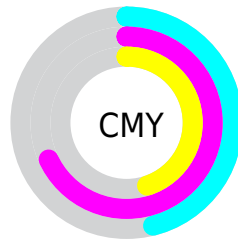


Cyan (2%)

Magenta (43%)

Yellow (0%)

Black (45%)



Cyan (46%)


Magenta (68%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 41.064, 325.159 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, 41.064, 325.159 by changing the saturation by 10% instead.


 43, 41.064,
325.159


 43, 41.064,
325.159


 100, 41.064,
325.159


 33, 41.064,
325.159

 63, 41.064,
325.159


 23, 41.064,
325.159

 73, 41.064,
325.159

 13, 41.064,
325.159

 83, 41.064,
325.159

 3, 41.064, 325.159

 93, 41.064,
325.159

 0, 41.064, 325.159

 43, 41.064,

 43, 41.064,

325.159

40, 49.892,
325.568

37, 57.813,
325.908

35, 64.458,
326.159

33, 69.497,
326.304

32, 72.743,
326.332

32, 74.467,
326.311

325.159

46, 31.665,
324.702

50, 21.979,
324.216

54, 12.212,
323.711


58, 2.511, 323.152

61, 7.027, 142.765

65, 16.344,
142.275

70, 25.406,
141.818

74, 34.199,
141.386

 78, 42.721,
140.981

Harmonies

Complementary

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



43, 41.064, 325.159



53, 40.993, 140.177

Rectangle

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



43, 41.064, 325.159



43, 41.064, 15.159



43, 41.064, 145.159



43, 41.064, 195.159

Sweetspot

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



43, 41.062, 325.159



68, 15.646, 323.745



38, 34.397, 293.219



35, 10.920, 323.846



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



43, 41.062, 325.159



52, 60.132, 325.548



42, 31.149, 344.011



28, 5.522, 323.534



30, 72.287, 326.318



1, 3.707, 323.095

Inverse Universe

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



41, 27.034, 19.815



50, 41.148, 21.633



54, 30.158, 156.261



28, 3.249, 15.831



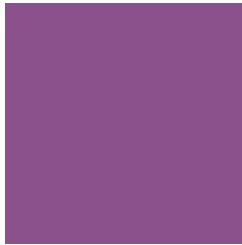
27, 62.553, 36.791



0, 2.129, 15.245

Previews

White Background



This preview shows how the CIELCh color 43, 41.064, 325.159 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, 41.064, 325.159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

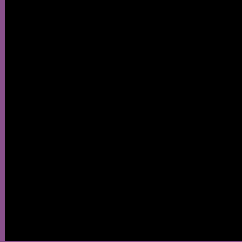
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 41.064, 325.159

Background



This preview shows how black text looks on a background with the CIELCh color 43, 41.064, 325.159.

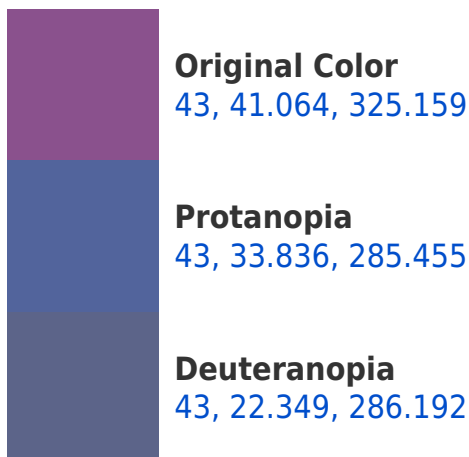


This preview shows how white text looks on a background with the CIELCh color 43, 41.064, 325.159.

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, 18.591, 9.216

Trichromacy



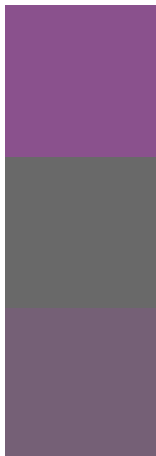
Original Color
43, 41.064, 325.159

Protanomaly
43, 34.598, 299.897

Deuteranomaly
43, 27.869, 305.821

Tritanomaly
43, 24.510, 343.912

Monochromacy



Original Color
43, 41.064, 325.159

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 15.688, 324.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 41.064, 325.159 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(138, 81, 141)` looks like.

```
.text, #text, p{  
    color:rgb(138, 81, 141)  
}
```

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(138, 81, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 81, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 41.064, 325.159 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(138, 81, 141) }
```

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

```
.border{ border-color:rgb(138, 81, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 81, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 81, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 81, 141);  
box-shadow:4px 4px 4px 4px rgb(138, 81,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 41.064, 325.159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 81, 141) }
```

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

```
.background{ background-color: rgb(138, 81,  
141) }
```

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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