

Converting Colors

CIELCh(43, 42.566, 324.635)

Have a look what the booklet for
CIELCh(43, 42.566, 324.635)
contains.

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Color

CIELCh(43, 42.666, 324.347)

Conversions

Conversions Part 1

Format	Color
Hex	8A508F
RGB	138, 80, 143
RGB Percent	54%, 31%, 56%
CMY	0.4583, 0.6858, 0.4387
CMYK	0.03, 0.44, 0.00, 0.44
HSL	295°, 28%, 44%
HSV	295°, 44%, 56%
XYZ	18.3496, 13.1578, 27.6121
YIQ	104.5240, 14.3450, 31.8890

Conversions

Conversions Part 2

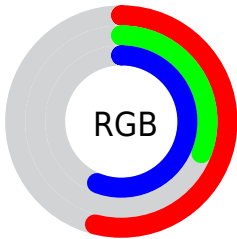
Format	Color
R_{YB}	138, 80, 143
Decimal	9064591
CIE _{Lab}	43.00, 34.67, -24.87
CIE _{LCh}	43, 42.666, 324.347
Yxy	13.1578, 0.3104, 0.2226
Android (android.graphics.Color)	4287254671 (0xFF8A508F)
YUV	104.5240, 18.9687, 29.3585
Hunter-Lab	36.2736, 26.8185, -19.7411

Details

The CIELCh color $43, 42.666, 324.347$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $54, 42.485, 139.381$, and the grayscale version is $44, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 42.644, 324.478$, and $23, 42.262, 324.336$ is the 20% darker color. If you saturate the color by 10%, you get $40, 51.518, 324.729$, and if you desaturate by 10%, it is $46, 33.224, 323.912$.

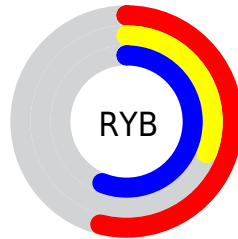
Distribution



Red (54%)

Green (31%)

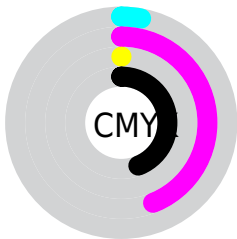
Blue (56%)



Red (54%)

Yellow (31%)

Blue (56%)

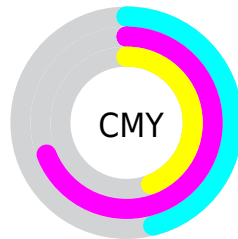


Cyan (3%)

Magenta (44%)

Yellow (0%)

Black (44%)



Cyan (46%)


Magenta (69%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 42.666, 324.347 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, 42.666, 324.347 by changing the saturation by 10% instead.


 43, 42.666,
324.347


 43, 42.666,
324.347


 100, 42.666,
324.347


 33, 42.666,
324.347

 63, 42.666,
324.347


 23, 42.666,
324.347

 73, 42.666,
324.347

 13, 42.666,
324.347

 83, 42.666,
324.347

 3, 42.666, 324.347

 93, 42.666,
324.347

 0, 42.666, 324.347

 43, 42.666,

 43, 42.666,

324.347

324.347

40, 51.518,
324.729

46, 33.224,
323.912

37, 59.435,
325.034

50, 23.484,
323.443

35, 66.033,
325.238

54, 13.656,
322.956

33, 70.975,
325.319

58, 3.890, 322.438

32, 74.085,
325.264

62, 5.716, 142.044

32, 75.530,
325.204

66, 15.103,
141.565

70, 24.237,
141.122

74, 33.105,
140.706

■ 78, 41.704,
140.316

Harmonies

Complementary

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



43, 42.666, 324.347



54, 42.485, 139.381

Rectangle

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



43, 42.666, 324.347



43, 42.666, 14.347



43, 42.666, 144.347



43, 42.666, 194.347

Sweetspot

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



43, 42.664, 324.347



69, 15.685, 322.919



38, 35.437, 292.800



36, 11.074, 323.019



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, 42.664, 324.347



52, 62.620, 324.732



43, 32.907, 343.275



28, 5.473, 322.714



30, 72.442, 325.219



1, 3.673, 322.290

Inverse Universe

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



42, 28.287, 17.877



50, 43.104, 19.941



54, 31.957, 155.317



28, 3.259, 13.472



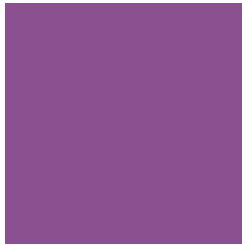
27, 61.665, 35.568



0, 2.138, 12.836

Previews

White Background



This preview shows how the CIELCh color 43, 42.666, 324.347 looks on a white background.

Color Contrast Check

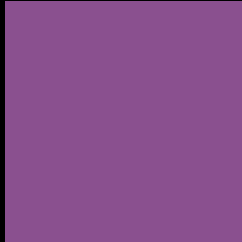
Large Text (above 18pt) WCAG AA ✓ Pass

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, 42.666, 324.347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

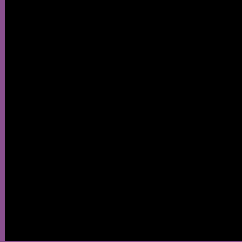
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 42.666, 324.347

Background



This preview shows how black text looks on a background with the CIELCh color 43, 42.666, 324.347.

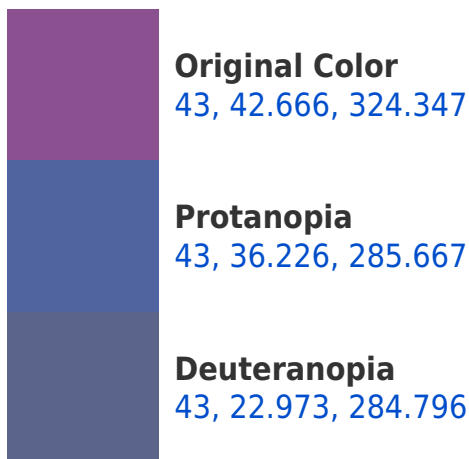


This preview shows how white text looks on a background with the CIELCh color 43, 42.666, 324.347.

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, 42.666, 324.347

Protanomaly
43, 36.932, 299.273

Deuteranomaly
43, 29.551, 304.503

Tritanomaly
43, 25.506, 342.395

Monochromacy



Original Color
43, 42.666, 324.347

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 16.186, 322.979

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 42.666, 324.347 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, 80, 143)` looks like.

```
.text, #text, p{  
    color:rgb(138, 80, 143)  
}
```

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, 80, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 80, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 42.666, 324.347 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, 80, 143) }
```

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

```
.border{ border-color:rgb(138, 80, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 80, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 80, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 80, 143);  
box-shadow:4px 4px 4px 4px rgb(138, 80,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 42.666, 324.347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 80, 143) }
```

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

```
.background{ background-color: rgb(138, 80,  
143) }
```

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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