

Converting Colors

CIELCh(54, 42.996, 327.023)

Have a look what the booklet for
CIELCh(54, 42.996, 327.023)
contains.

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Color

CIELCh(54, 43.173, 326.880)

Conversions

Conversions Part 1

Format	Color
Hex	AB6AAA
RGB	171, 106, 170
RGB Percent	67%, 42%, 67%
CMY	0.3282, 0.5832, 0.3321
CMYK	0.00, 0.38, 0.01, 0.33
HSL	301°, 28%, 54%
HSV	301°, 38%, 67%
XYZ	29.3310, 21.9746, 40.8772
YIQ	132.7310, 18.1960, 33.6840

Conversions

Conversions Part 2

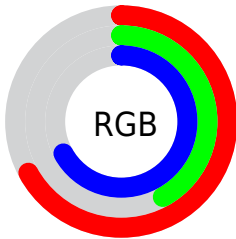
Format	Color
R_{YB}	171, 106, 170
Decimal	11233962
CIE _{Lab}	54.00, 36.16, -23.59
CIE _{LCh}	54, 43.173, 326.880
Yxy	21.9746, 0.3182, 0.2384
Android (android.graphics.Color)	4289424042 (0xFFAB6AAA)
YUV	132.7310, 18.3736, 33.5619
Hunter-Lab	46.8770, 29.6527, -18.8875

Details

The CIELCh color $54, 43.173, 326.880$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $64, 43.233, 142.062$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 42.673, 326.890$, and $34, 43.463, 326.557$ is the 20% darker color. If you saturate the color by 10%, you get $50, 53.744, 327.365$, and if you desaturate by 10%, it is $58, 32.002, 326.360$.

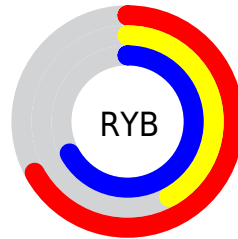
Distribution



Red (67%)

Green (42%)

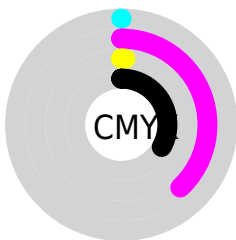
Blue (67%)



Red (67%)

Yellow (42%)

Blue (67%)

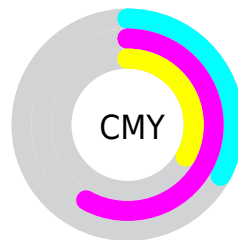


Cyan (0%)

Magenta (38%)

Yellow (1%)

Black (33%)



Cyan (33%)

Magenta (58%)


Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 43.173, 326.880 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 54, 43.173, 326.880 by changing the saturation by 10% instead.


 54, 43.173,
326.880

 54, 43.173,
326.880


 100, 43.173,
326.880

 44, 43.173,
326.880


 74, 43.173,
326.880

 34, 43.173,
326.880

 84, 43.173,
326.880

 24, 43.173,
326.880

 94, 43.173,
326.880

 14, 43.173,
326.880

 4, 43.173, 326.880

 0, 43.173, 326.880

54, 43.173,
326.880

54, 43.173,
326.880

50, 53.744,
327.365

58, 32.002,
326.360

47, 63.328,
327.800

62, 20.555,
325.819

45, 71.486,
328.171

67, 9.066, 325.261

43, 77.817,
328.466

71, 2.303, 144.848

41, 82.059,
328.681

76, 13.447,
144.236

41, 84.354,
328.826

80, 24.302,
143.718

40, 84.750,
328.853

85, 34.838,
143.228

90, 45.042,
142.764

■ 93, 51.761,
142.491

Harmonies

Complementary

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



54, 43.173, 326.880



64, 43.233, 142.062

Rectangle

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



54, 43.173, 326.880



54, 43.173, 16.880



54, 43.173, 146.880



54, 43.173, 196.880

Sweetspot

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



54, 43.171, 326.880



82, 15.500, 325.445



47, 38.419, 295.091



43, 10.505, 325.518



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



54, 43.171, 326.880



65, 63.760, 327.312



53, 31.381, 347.308



34, 6.522, 325.339



35, 77.037, 328.846



2, 13.643, 325.053

Inverse Universe

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



54, 43.171, 326.880



65, 63.760, 327.312



65, 30.005, 160.014



34, 6.522, 325.339



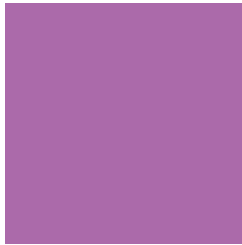
35, 77.037, 328.846



2, 13.643, 325.053

Previews

White Background



This preview shows how the CIELCh color 54, 43.173, 326.880 looks on a white background.

Color Contrast Check

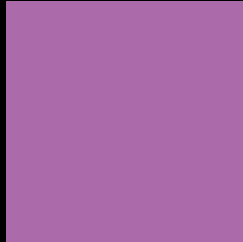
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 54, 43.173, 326.880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

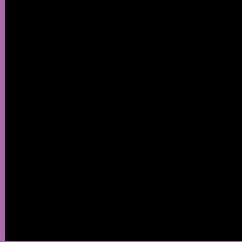
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 43.173, 326.880

Background



This preview shows how black text looks on a background with the CIELCh color 54, 43.173, 326.880.



This preview shows how white text looks on a background with the CIELCh color 54, 43.173, 326.880.

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

54, 43.173, 326.880

Protanopia

54, 34.185, 284.782

Deuteranopia

54, 22.516, 288.482



Tritanopia
54, 20.811, 7.708

Trichromacy



Original Color
54, 43.173, 326.880

Protanomaly
54, 35.581, 300.723

Deuteranomaly
54, 29.415, 308.074

Tritanomaly
54, 27.116, 345.171

Monochromacy



Original Color
54, 43.173, 326.880

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 16.661, 325.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 43.173, 326.880 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(171, 106, 170)` looks like.

```
.text, #text, p{  
    color:rgb(171, 106, 170)  
}
```

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(171, 106, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 106, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 43.173, 326.880 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(171, 106, 170) }
```

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

```
.border{ border-color:rgb(171, 106, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 106, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 106, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 106, 170);  
box-shadow:4px 4px 4px 4px rgb(171, 106,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 43.173, 326.880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 106, 170) }
```

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

```
.background{ background-color: rgb(171,  
106, 170) }
```

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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