

Converting Colors

CIELCh(54, 28.135, 343.646)

Have a look what the booklet for
CIELCh(54, 28.135, 343.646)
contains.

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Color

CIELCh(54, 28.030, 343.780)

Conversions

Conversions Part 1

Format	Color
Hex	A8708F
RGB	168, 112, 143
RGB Percent	66%, 44%, 56%
CMY	0.3403, 0.5599, 0.4384
CMYK	0.00, 0.33, 0.15, 0.34
HSL	327°, 24%, 55%
HSV	327°, 33%, 66%
XYZ	26.9888, 21.9746, 28.8917
YIQ	132.2780, 23.4250, 21.5130

Conversions

Conversions Part 2

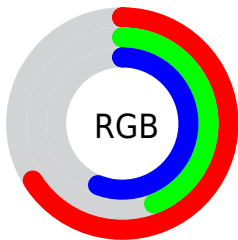
Format	Color
R_{YB}	168, 112, 143
Decimal	11038863
CIE _{Lab}	54.00, 26.91, -7.83
CIE _{LCh}	54, 28.030, 343.780
Yxy	21.9746, 0.3467, 0.2822
Android (android.graphics.Color)	4289228943 (0xFFA8708F)
YUV	132.2780, 5.2859, 31.3282
Hunter-Lab	46.8770, 20.7341, -3.7283

Details

The CIELCh color **54, 28.030, 343.780** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **64, 27.202, 157.885**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 28.374, 343.363**, and **34, 28.135, 343.646** is the 20% darker color. If you saturate the color by 10%, you get **50, 36.278, 344.890**, and if you desaturate by 10%, it is **58, 19.559, 342.796**.

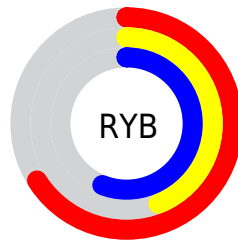
Distribution



Red (66%)

Green (44%)

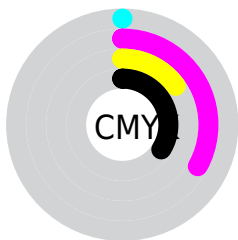
Blue (56%)



Red (66%)

Yellow (44%)

Blue (56%)

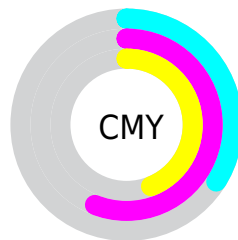


Cyan (0%)

Magenta (33%)

Yellow (15%)

Black (34%)



Cyan (34%)

Magenta (56%)


Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 28.030, 343.780 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, 28.030, 343.780 by changing the saturation by 10% instead.

 54, 28.030,
343.780

 54, 28.030,
343.780


 100, 28.030,
343.780

 44, 28.030,
343.780

 74, 28.030,
343.780

 34, 28.030,
343.780

 84, 28.030,
343.780

 24, 28.030,
343.780

 94, 28.030,
343.780

 14, 28.030,
343.780

 4, 28.030, 343.780

 0, 28.030, 343.780

54, 28.030,
343.780

54, 28.030,
343.780

50, 36.278,
344.890

58, 19.559,
342.796

46, 44.014,
346.165

63, 11.078,
341.902

43, 50.858,
347.671

67, 2.719, 341.004

40, 56.387,
349.495

72, 5.437, 160.455

38, 60.231,
351.756

77, 13.350,
159.738

37, 62.220,
354.591

82, 21.003,
159.098

36, 62.932,
356.740

86, 28.395,
158.507

91, 35.535,
157.957

■ 94, 37.569,
159.900

Harmonies

Complementary

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



54, 28.030, 343.780



64, 27.202, 157.885

Rectangle

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



54, 28.030, 343.780



54, 28.030, 33.780



54, 28.030, 163.780



54, 28.030, 213.780

Sweetspot

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



54, 28.028, 343.781



82, 10.306, 341.634



52, 33.821, 308.482



42, 7.030, 341.749



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



54, 28.028, 343.781



66, 41.669, 344.591



53, 23.773, 17.195



33, 4.698, 341.558



32, 57.340, 356.320



2, 8.056, 344.835

Inverse Universe

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



54, 28.028, 343.781



66, 41.669, 344.591



65, 19.518, 191.607



33, 4.698, 341.558



32, 57.340, 356.320



2, 8.056, 344.835

Previews

White Background



This preview shows how the CIELCh color 54, 28.030, 343.780 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, 28.030, 343.780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

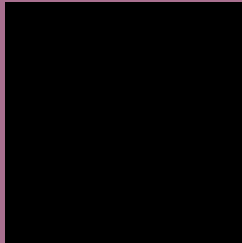
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 28.030, 343.780

Background



This preview shows how black text looks on a background with the CIELCh color 54, 28.030, 343.780.



This preview shows how white text looks on a background with the CIELCh color 54, 28.030, 343.780.

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, 28.030, 343.780

Protanopia

54, 15.033, 286.473

Deuteranopia

54, 9.687, 317.200



Tritanopia
54, 21.153, 9.571

Trichromacy



Original Color
54, 28.030, 343.780

Protanomaly
54, 17.626, 314.662

Deuteranomaly
54, 16.065, 332.446

Tritanomaly
54, 22.892, 358.822

Monochromacy



Original Color
54, 28.030, 343.780

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 10.158, 342.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 28.030, 343.780 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(168, 112, 143)` looks like.

```
.text, #text, p{  
    color:rgb(168, 112, 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(168, 112, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 112, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 28.030, 343.780 is called "border". The border property can be set on classes, ids or directly on the HTML element.

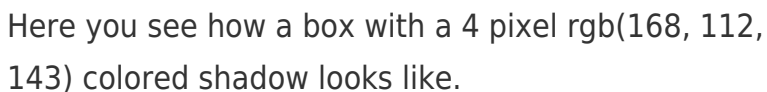
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 112, 143) }
```

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

```
.border{ border-color:rgb(168, 112, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(168, 112, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 112, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 112, 143); box-shadow:4px 4px 4px 4px rgb(168, 112, 143) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 28.030, 343.780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 112, 143) }
```

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

```
.background{ background-color: rgb(168,  
112, 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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