

Converting Colors

CIELCh(54, 28.083, 348.392)

Have a look what the booklet for
CIELCh(54, 28.083, 348.392)
contains.

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Color

CIELCh(54, 28.083, 348.392)

Conversions

Conversions Part 1

Format	Color
Hex	AB708C
RGB	171, 112, 140
RGB Percent	67%, 44%, 55%
CMY	0.3313, 0.5625, 0.4528
CMYK	0.00, 0.35, 0.18, 0.33
HSL	332°, 26%, 55%
HSV	332°, 35%, 67%
XYZ	27.1355, 21.9746, 27.4471
YIQ	132.8330, 26.1760, 21.2160

Conversions

Conversions Part 2

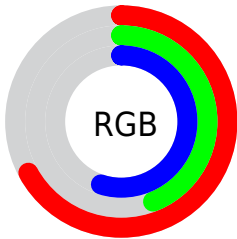
Format	Color
RYB	171, 112, 140
Decimal	11235468
CIELab	54.00, 27.51, -5.65
CIElCh	54, 28.083, 348.392
Yxy	21.9746, 0.3544, 0.2870
Android (android.graphics.Color)	4289425548 (0xFFAB708C)
YUV	132.8330, 3.5333, 33.4725
Hunter-Lab	46.8770, 21.2926, -1.9011

Details

The CIELCh color $54, 28.083, 348.392$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $65, 26.786, 161.749$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 28.408, 347.580$, and $34, 27.837, 348.154$ is the 20% darker color. If you saturate the color by 10%, you get $50, 36.102, 349.693$, and if you desaturate by 10%, it is $58, 19.869, 347.267$.

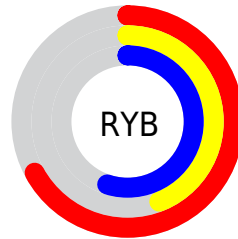
Distribution



Red (67%)

Green (44%)

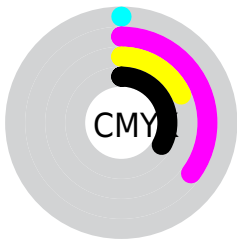
Blue (55%)



Red (67%)

Yellow (44%)

Blue (55%)

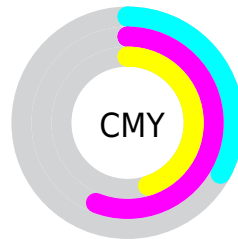


Cyan (0%)

Magenta (35%)

Yellow (18%)

Black (33%)



Cyan (33%)


Magenta (56%)


Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 28.083, 348.392 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, 28.083, 348.392 by changing the saturation by 10% instead.


 54, 28.083,
348.392

 54, 28.083,
348.392


 100, 28.083,
348.392

 44, 28.083,
348.392


 74, 28.083,
348.392

 34, 28.083,
348.392

 84, 28.083,
348.392

 24, 28.083,
348.392

 94, 28.083,
348.392

 14, 28.083,
348.392

 4, 28.083, 348.392

 0, 28.083, 348.392

54, 28.083,
348.392

54, 28.083,
348.392

50, 36.102,
349.693

58, 19.869,
347.267

46, 43.640,
351.227

63, 11.672,
346.266

43, 50.321,
353.086

68, 3.620, 345.313

40, 55.735,
355.390

72, 4.211, 164.703

38, 59.549,
358.293

77, 11.783,
163.918


37, 61.672, 1.955

82, 19.084,
163.237

36, 62.516, 4.126

87, 26.118,
162.615

92, 32.895,
162.041

 94, 33.897,
165.349

Harmonies

Complementary

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



54, 28.083, 348.392



65, 26.786, 161.749

Rectangle

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



54, 28.083, 348.392



54, 28.083, 38.392



54, 28.083, 168.392



54, 28.083, 218.392

Sweetspot

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



54, 28.081, 348.394



83, 9.866, 345.853



52, 35.973, 311.293



43, 6.797, 345.980



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, 28.081, 348.394



66, 41.201, 349.302



53, 24.927, 23.622



33, 4.454, 345.768



31, 56.339, 3.550



2, 7.690, 348.889

Inverse Universe

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



54, 28.081, 348.394



66, 41.201, 349.302



66, 19.631, 199.386



33, 4.454, 345.768



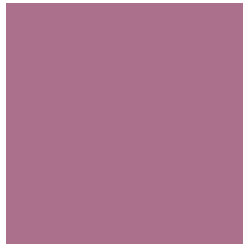
31, 56.339, 3.550



2, 7.690, 348.889

Previews

White Background



This preview shows how the CIELCh color 54, 28.083, 348.392 looks on a white background.

Color Contrast Check

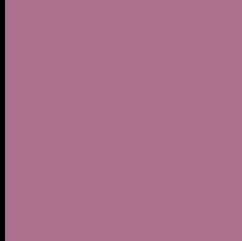
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.083, 348.392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

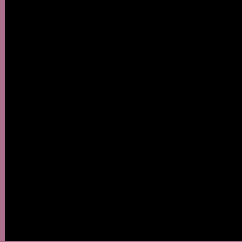
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 28.083, 348.392

Background



This preview shows how black text looks on a background with the CIELCh color 54, 28.083, 348.392.



This preview shows how white text looks on a background with the CIELCh color 54, 28.083, 348.392.

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, 28.083, 348.392

Protanopia

54, 12.716, 286.751

Deuteranopia

54, 8.172, 329.482



Tritanopia
54, 23.335, 9.652

Trichromacy



Original Color
54, 28.083, 348.392

Protanomaly
54, 15.898, 320.516

Deuteranomaly
54, 15.070, 340.766

Tritanomaly
54, 24.850, 1.092

Monochromacy



Original Color
54, 28.083, 348.392

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 10.152, 346.145

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 28.083, 348.392 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, 112, 140)` looks like.

```
.text, #text, p{  
    color:rgb(171, 112, 140)  
}
```

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, 112, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 112, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 28.083, 348.392 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, 112, 140) }
```

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

```
.border{ border-color:rgb(171, 112, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 112, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 112, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 112, 140);  
box-shadow:4px 4px 4px 4px rgb(171, 112,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 28.083, 348.392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 112, 140) }
```

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

```
.background{ background-color: rgb(171,  
112, 140) }
```

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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