

Converting Colors

CIELCh(54, 27.102, 346.738)

Have a look what the booklet for
CIELCh(54, 27.102, 346.738)
contains.

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Color

CIELCh(54, 27.133, 346.759)

Conversions

Conversions Part 1

Format	Color
Hex	A8708C
RGB	168, 112, 140
RGB Percent	66%, 44%, 55%
CMY	0.3393, 0.5590, 0.4492
CMYK	0.00, 0.33, 0.17, 0.34
HSL	330°, 24%, 55%
HSV	330°, 33%, 66%
XYZ	26.8652, 21.9746, 27.8163
YIQ	131.9360, 24.3880, 20.5800

Conversions

Conversions Part 2

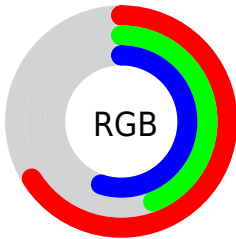
Format	Color
R_{YB}	168, 112, 140
Decimal	11038860
CIE _{Lab}	54.00, 26.41, -6.21
CIE _{LCh}	54, 27.133, 346.759
Yxy	21.9746, 0.3505, 0.2867
Android (android.graphics.Color)	4289228940 (0xFFA8708C)
YUV	131.9360, 3.9756, 31.6281
Hunter-Lab	46.8770, 20.2633, -2.3682

Details

The CIELCh color $54, 27.133, 346.759$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $65, 26.066, 160.569$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 27.499, 346.101$, and $34, 27.199, 346.887$ is the 20% darker color. If you saturate the color by 10%, you get $50, 35.195, 347.979$, and if you desaturate by 10%, it is $58, 18.889, 345.693$.

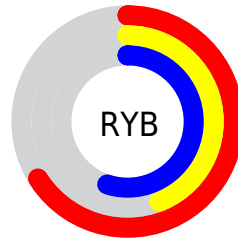
Distribution



Red (66%)

Green (44%)

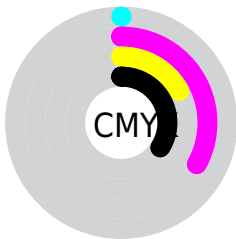
Blue (55%)



Red (66%)

Yellow (44%)

Blue (55%)

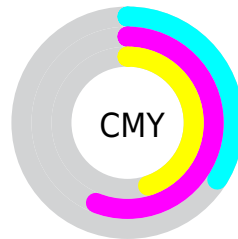


Cyan (0%)

Magenta (33%)

Yellow (17%)

Black (34%)



Cyan (34%)


Magenta (56%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 27.133, 346.759 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, 27.133, 346.759 by changing the saturation by 10% instead.


 54, 27.133,
346.759


 54, 27.133,
346.759


 100, 27.133,
346.759


 44, 27.133,
346.759


 74, 27.133,
346.759

 34, 27.133,
346.759

 84, 27.133,
346.759

 24, 27.133,
346.759

 94, 27.133,
346.759

 14, 27.133,
346.759

 4, 27.133, 346.759

 0, 27.133, 346.759

■ 54, 27.133,
346.759

■ 54, 27.133,
346.759

■ 50, 35.195,
347.979

■ 58, 18.889,
345.693

■ 46, 42.799,
349.404

■ 63, 10.667,
344.736

■ 43, 49.575,
351.113

■ 68, 2.591, 343.783

■ 72, 5.269, 163.216

■ 40, 55.112,
353.214

■ 77, 12.875,
162.468

■ 38, 59.054,
355.846


■ 82, 20.216,
161.806

■ 37, 61.250,
359.166

■ 87, 27.295,
161.198

■ 36, 62.167, 1.693

■ 92, 34.121,
160.636

 94, 35.648,
163.236

Harmonies

Complementary

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



54, 27.133, 346.759



65, 26.066, 160.569

Rectangle

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



54, 27.133, 346.759



54, 27.133, 36.759



54, 27.133, 166.759



54, 27.133, 216.759

Sweetspot

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



54, 27.131, 346.760



82, 9.937, 344.456



52, 34.132, 310.676



42, 6.780, 344.578



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, 27.131, 346.760



65, 40.390, 347.654



53, 23.987, 22.255



33, 4.529, 344.374



31, 56.543, 1.196



2, 7.799, 347.589

Inverse Universe

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



54, 27.131, 346.760



65, 40.390, 347.654



65, 19.135, 197.808



33, 4.529, 344.374



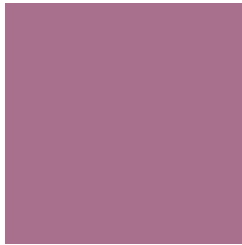
31, 56.543, 1.196



2, 7.799, 347.589

Previews

White Background



This preview shows how the CIELCh color 54, 27.133, 346.759 looks on a white background.

Color Contrast Check

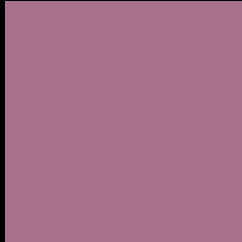
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.133, 346.759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

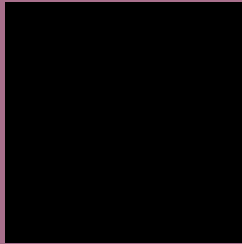
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 27.133, 346.759

Background



This preview shows how black text looks on a background with the CIELCh color 54, 27.133, 346.759.



This preview shows how white text looks on a background with the CIELCh color 54, 27.133, 346.759.

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, 27.133, 346.759

Protanopia

54, 13.290, 287.050

Deuteranopia

54, 8.397, 324.879



Tritanopia
54, 22.069, 8.722

Trichromacy



Original Color
54, 27.133, 346.759

Protanomaly
54, 16.227, 318.308

Deuteranomaly
54, 15.141, 338.039

Tritanomaly
54, 23.676, 359.770

Monochromacy



Original Color
54, 27.133, 346.759

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 9.824, 344.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 27.133, 346.759 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(168, 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(168, 112, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 112, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 27.133, 346.759 is called "border". The border property can be set on classes, ids or directly on the HTML element.

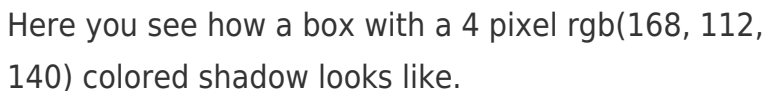
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 112, 140) }
```

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

```
.border{ border-color:rgb(168, 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(168, 112, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 112, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 112, 140);  
box-shadow:4px 4px 4px 4px rgb(168, 112,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 27.133, 346.759 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, 140) }
```

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

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