

Converting Colors

CIELCh(54, 13.738, 343.284)

Have a look what the booklet for
CIELCh(54, 13.738, 343.284)
contains.

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Color

CIELCh(54, 13.416, 344.152)

Conversions

Conversions Part 1

Format	Color
Hex	957A88
RGB	149, 122, 136
RGB Percent	58%, 48%, 53%
CMY	0.4169, 0.5227, 0.4679
CMYK	0.00, 0.18, 0.09, 0.42
HSL	329°, 11%, 53%
HSV	329°, 18%, 58%
XYZ	23.6826, 21.9746, 26.1724
YIQ	131.6690, 11.5980, 10.0780

Conversions

Conversions Part 2

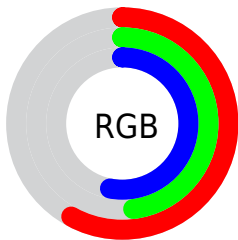
Format	Color
R_{YB}	149, 122, 136
Decimal	9796232
CIE Lab	54.00, 12.91, -3.66
CIE LCh	54, 13.416, 344.152
Yxy	21.9746, 0.3297, 0.3059
Android (android.graphics.Color)	4287986312 (0xFF957A88)
YUV	131.6690, 2.1352, 15.1993
Hunter-Lab	46.8770, 8.1447, -0.2888

Details

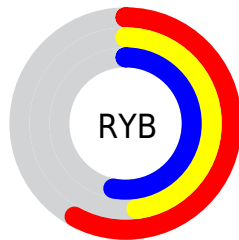
The CIELCh color $54, 13.416, 344.152$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $59, 13.144, 161.171$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 13.552, 343.902$, and $34, 13.466, 344.669$ is the 20% darker color. If you saturate the color by 10%, you get $50, 20.942, 345.123$, and if you desaturate by 10%, it is $58, 5.961, 343.261$.

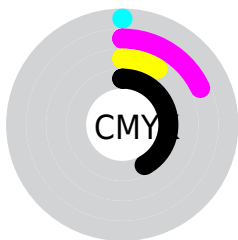
Distribution



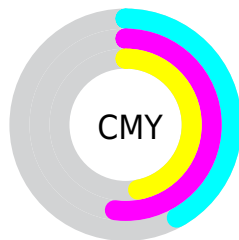
- Red (58%)
- Green (48%)
- Blue (53%)



- Red (58%)
- Yellow (48%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (42%)





- Cyan (42%)
- Magenta (52%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 13.416, 344.152 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, 13.416, 344.152 by changing the saturation by 10% instead.


 54, 13.416,
344.152


 54, 13.416,
344.152


 100, 13.416,
344.152


 44, 13.416,
344.152


 74, 13.416,
344.152

 34, 13.416,
344.152

 84, 13.416,
344.152

 24, 13.416,
344.152

 94, 13.416,
344.152

 14, 13.416,
344.152

 4, 13.416, 344.152

 0, 13.416, 344.152

■ 54, 13.416,
344.152

■ 54, 13.416,
344.152

■ 50, 20.942,
345.123

■ 58, 5.961, 343.261

■ 46, 28.404,
346.209

■ 62, 1.329, 162.770

■ 43, 35.589,
347.455

■ 67, 8.409, 161.847

■ 39, 42.206,
348.917

■ 71, 15.258,
161.165

■ 37, 47.905,
350.678

■ 75, 21.872,
160.544

■ 34, 52.321,
352.848

■ 80, 28.255,
159.969


■ 33, 55.193,
355.566


■ 84, 34.418,
159.435

■ 32, 56.708,

■ 88, 40.377,
158.936

358.873

 93, 45.857,
158.606

 32, 56.984,
359.493

Harmonies

Complementary

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



54, 13.416, 344.152



59, 13.144, 161.171

Rectangle

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



54, 13.416, 344.152



54, 13.416, 34.152



54, 13.416, 164.152



54, 13.416, 214.152

Sweetspot

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



54, 13.414, 344.154



76, 4.524, 342.981



53, 16.409, 308.744



39, 3.080, 343.042



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



54, 13.414, 344.154



67, 20.250, 344.559



54, 11.144, 17.983



29, 4.119, 343.354



29, 53.927, 359.192



1, 3.565, 342.663

Inverse Universe

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



54, 13.414, 344.154



67, 20.250, 344.559



60, 10.004, 195.576



29, 4.119, 343.354



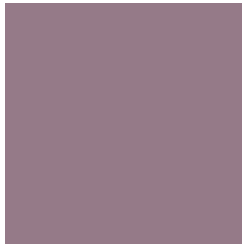
29, 53.927, 359.192



1, 3.565, 342.663

Previews

White Background



This preview shows how the CIELCh color 54, 13.416, 344.152 looks on a white background.

Color Contrast Check

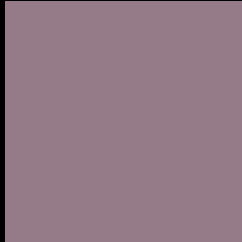
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.416, 344.152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

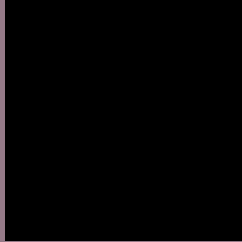
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 13.416, 344.152

Background



This preview shows how black text looks on a background with the CIELCh color 54, 13.416, 344.152.



This preview shows how white text looks on a background with the CIELCh color 54, 13.416, 344.152.

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, 13.416, 344.152

Protanopia

54, 6.927, 291.031

Deuteranopia

54, 8.017, 334.340



Tritanopia
54, 11.914, 351.987

Trichromacy



Original Color
54, 13.416, 344.152

Protanomaly
54, 7.985, 320.159

Deuteranomaly
54, 9.864, 340.611

Tritanomaly
54, 12.180, 349.585

Monochromacy



Original Color
54, 13.416, 344.152

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 4.603, 341.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 13.416, 344.152 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(149, 122, 136)` looks like.

```
.text, #text, p{  
    color:rgb(149, 122, 136)  
}
```

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(149, 122, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 122, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 13.416, 344.152 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(149, 122, 136) }
```

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

```
.border{ border-color:rgb(149, 122, 136) }
```

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

Here you see how a box with a 4 pixel rgb(149, 122, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 122, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 122, 136);  
box-shadow:4px 4px 4px 4px rgb(149, 122,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 13.416, 344.152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 122, 136) }
```

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

```
.background{ background-color: rgb(149,  
122, 136) }
```

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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