

Converting Colors

CIELCh(54, 32.844, 338.114)

Have a look what the booklet for
CIELCh(54, 32.844, 338.114)
contains.

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Color

CIELCh(54, 32.843, 338.123)

Conversions

Conversions Part 1

Format	Color
Hex	AB6E97
RGB	171, 110, 151
RGB Percent	67%, 43%, 59%
CMY	0.3302, 0.5693, 0.4086
CMYK	0.00, 0.36, 0.12, 0.33
HSL	320°, 27%, 55%
HSV	320°, 36%, 67%
XYZ	27.8763, 21.9746, 31.9679
YIQ	132.9130, 23.1950, 25.6830

Conversions

Conversions Part 2

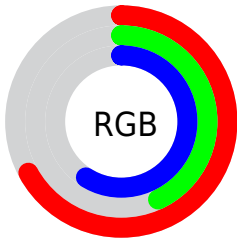
Format	Color
R_{YB}	171, 110, 151
Decimal	11234967
CIE _{Lab}	54.00, 30.48, -12.24
CIE _{LCh}	54, 32.843, 338.123
Yxy	21.9746, 0.3407, 0.2686
Android (android.graphics.Color)	4289425047 (0xFFAB6E97)
YUV	132.9130, 8.9169, 33.4023
Hunter-Lab	46.8770, 24.1135, -7.6190

Details

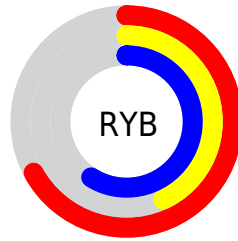
The CIELCh color $54, 32.843, 338.123$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $65, 32.378, 152.414$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 32.395, 338.258$, and $34, 32.717, 338.554$ is the 20% darker color. If you saturate the color by 10%, you get $50, 41.629, 339.027$, and if you desaturate by 10%, it is $58, 23.685, 337.293$.

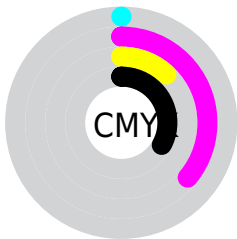
Distribution



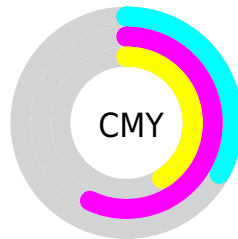
- Red (67%)
- Green (43%)
- Blue (59%)



- Red (67%)
- Yellow (43%)
- Blue (59%)



- Cyan (0%)
- Magenta (36%)
- Yellow (12%)
- Black (33%)





- Cyan (33%)
- Magenta (57%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 32.843, 338.123 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, 32.843, 338.123 by changing the saturation by 10% instead.


 54, 32.843,
338.123


 54, 32.843,
338.123


 100, 32.843,
338.123


 44, 32.843,
338.123


 74, 32.843,
338.123

 34, 32.843,
338.123

 84, 32.843,
338.123

 24, 32.843,
338.123

 94, 32.843,
338.123

 14, 32.843,
338.123

 4, 32.843, 338.123

 0, 32.843, 338.123

■ 54, 32.843,
338.123

■ 54, 32.843,
338.123

■ 50, 41.629,
339.027

■ 58, 23.685,
337.293

■ 46, 49.707,
340.026

■ 63, 14.413,
336.518

■ 43, 56.657,
341.158

■ 67, 5.196, 335.763

■ 41, 62.040,
342.475

■ 72, 3.858, 155.232

■ 39, 65.497,
344.049

■ 77, 12.685,
154.546


■ 38, 66.933,
345.962

■ 81, 21.255,
153.944

■ 38, 67.278,
346.842

■ 86, 29.558,
153.384

■ 91, 37.596,
152.859

 94, 40.458,
153.975

Harmonies

Complementary

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



54, 32.843, 338.123



65, 32.378, 152.414

Rectangle

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



54, 32.843, 338.123



54, 32.843, 28.123



54, 32.843, 158.123



54, 32.843, 208.123

Sweetspot

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



54, 32.841, 338.124



82, 12.449, 336.180



50, 36.386, 304.816



43, 8.440, 336.278



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, 32.841, 338.124



65, 48.579, 338.845



53, 26.062, 8.647



33, 5.108, 336.037



32, 60.660, 346.551



2, 8.752, 338.841

Inverse Universe

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



54, 32.841, 338.124



65, 48.579, 338.845



66, 22.287, 181.277



33, 5.108, 336.037



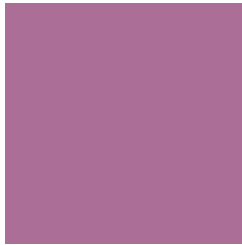
32, 60.660, 346.551



2, 8.752, 338.841

Previews

White Background



This preview shows how the CIELCh color 54, 32.843, 338.123 looks on a white background.

Color Contrast Check

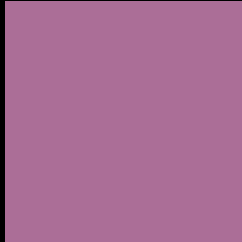
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 54, 32.843, 338.123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

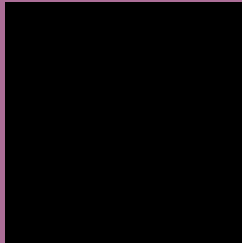
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 32.843, 338.123

Background



This preview shows how black text looks on a background with the CIELCh color 54, 32.843, 338.123.



This preview shows how white text looks on a background with the CIELCh color 54, 32.843, 338.123.

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, 32.843, 338.123

Protanopia

54, 20.257, 285.692

Deuteranopia

54, 13.017, 303.341



Tritanopia
54, 22.479, 9.032

Trichromacy



Original Color
54, 32.843, 338.123

Protanomaly
54, 23.035, 309.291

Deuteranomaly
54, 19.700, 323.523

Tritanomaly
54, 25.361, 354.495

Monochromacy



Original Color
54, 32.843, 338.123

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 11.843, 338.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 32.843, 338.123 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, 110, 151)` looks like.

```
.text, #text, p{  
    color:rgb(171, 110, 151)  
}
```

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, 110, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 110, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 32.843, 338.123 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, 110, 151) }
```

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

```
.border{ border-color:rgb(171, 110, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 110, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 110, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 110, 151);  
box-shadow:4px 4px 4px 4px rgb(171, 110,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 32.843, 338.123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 110, 151) }
```

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

```
.background{ background-color: rgb(171,  
110, 151) }
```

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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