

Converting Colors

CIELCh(54, 33.328, 3.518)

Have a look what the booklet for
CIELCh(54, 33.328, 3.518) contains.

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Color

CIELCh(54, 33.344, 3.085)

Conversions

Conversions Part 1

Format	Color
Hex	B76A7F
RGB	183, 106, 127
RGB Percent	72%, 42%, 50%
CMY	0.2816, 0.5836, 0.5012
CMYK	0.00, 0.42, 0.31, 0.28
HSL	344°, 35%, 57%
HSV	344°, 42%, 72%
XYZ	28.5917, 21.9746, 22.8751
YIQ	131.4170, 39.1510, 22.8550

Conversions

Conversions Part 2

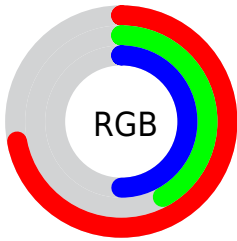
Format	Color
R_{YB}	183, 106, 127
Decimal	12020351
CIE _{Lab}	54.00, 33.30, 1.79
CIE _{LCh}	54, 33.344, 3.085
Yxy	21.9746, 0.3893, 0.2992
Android (android.graphics.Color)	4290210431 (0xFFB76A7F)
YUV	131.4170, -2.1776, 45.2383
Hunter-Lab	46.8770, 26.8377, 3.8815

Details

The CIELCh color **54, 33.344, 3.085** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **69, 29.022, 173.606**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 33.302, 3.072**, and **34, 33.562, 3.150** is the 20% darker color. If you saturate the color by 10%, you get **50, 41.416, 5.053**, and if you desaturate by 10%, it is **59, 25.125, 1.483**.

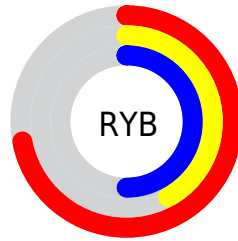
Distribution



Red (72%)

Green (42%)

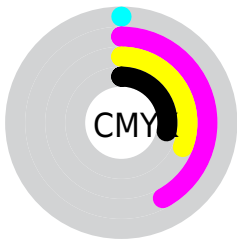
Blue (50%)



Red (72%)

Yellow (42%)

Blue (50%)

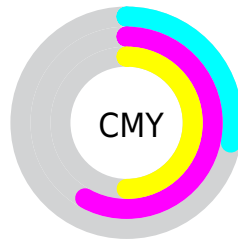


Cyan (0%)

Magenta (42%)

Yellow (31%)

Black (28%)



Cyan (28%)

Magenta (58%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 33.344, 3.085 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, 33.344, 3.085 by changing the saturation by 10% instead.

 54, 33.344, 3.085  54, 33.344, 3.085

 100, 33.344, 3.085  44, 33.344, 3.085

 74, 33.344, 3.085  34, 33.344, 3.085


 84, 33.344, 3.085  24, 33.344, 3.085

 94, 33.344, 3.085  14, 33.344, 3.085

 4, 33.344, 3.085

 0, 33.344, 3.085

 54, 33.344, 3.085  54, 33.344, 3.085

 50, 41.416, 5.053  59, 25.125, 1.483

 46, 49.039, 7.509  63, 16.996, 0.145

■ 43, 55.858, 10.611

■ 68, 9.097, 358.994

■ 41, 61.586, 14.519

■ 73, 1.509, 357.769

■ 39, 66.154, 19.319

■ 79, 5.735, 177.299

■ 38, 69.352, 23.503

■ 84, 12.633,
176.500

■ 89, 19.196,
175.811

■ 94, 25.447,
175.193

■ 95, 23.893,
188.106

Harmonies

Complementary

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



54, 33.344, 3.085



69, 29.022, 173.606

Rectangle

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



54, 33.344, 3.085



54, 33.344, 53.085



54, 33.344, 183.085



54, 33.344, 233.085

Sweetspot

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



54, 33.342, 3.087



86, 12.147, 359.123



53, 48.015, 318.028



45, 8.609, 359.367



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



54, 33.342, 3.087



64, 49.085, 4.791



57, 28.479, 41.053



36, 4.264, 358.703



32, 61.162, 22.708



2, 11.116, 3.300

Inverse Universe

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



54, 33.342, 3.087



64, 49.085, 4.791



65, 21.108, 224.274



36, 4.264, 358.703



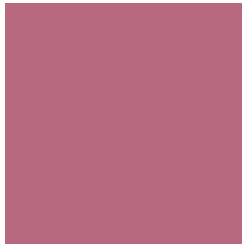
32, 61.162, 22.708



2, 11.116, 3.300

Previews

White Background



This preview shows how the CIELCh color 54, 33.344, 3.085 looks on a white background.

Color Contrast Check

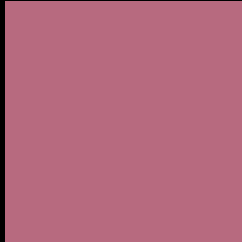
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.344, 3.085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

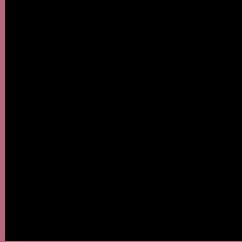
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 33.344, 3.085

Background



This preview shows how black text looks on a background with the CIELCh color 54, 33.344, 3.085.



This preview shows how white text looks on a background with the CIELCh color 54, 33.344, 3.085.

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, 33.344, 3.085

Protanopia

54, 6.341, 290.957

Deuteranopia

54, 7.800, 24.395



Tritanopia
54, 31.506, 15.239

Trichromacy



Original Color
54, 33.344, 3.085

Protanomaly
54, 13.755, 345.228

Deuteranomaly
54, 16.919, 7.764

Tritanomaly
54, 31.975, 10.371

Monochromacy



Original Color
54, 33.344, 3.085

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 12.018, 1.325

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 33.344, 3.085 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(183, 106, 127)` looks like.

```
.text, #text, p{  
    color:rgb(183, 106, 127)  
}
```

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(183, 106, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 106, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 33.344, 3.085 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(183, 106, 127) }
```

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

```
.border{ border-color:rgb(183, 106, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 106, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 106, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 106, 127);  
box-shadow:4px 4px 4px 4px rgb(183, 106,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 33.344, 3.085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 106, 127) }
```

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

```
.background{ background-color: rgb(183,  
106, 127) }
```

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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