

Converting Colors

CIELCh(54, 29.820, 343.993)

Have a look what the booklet for
CIELCh(54, 29.820, 343.993)
contains.

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Color

CIELCh(54, 29.861, 344.163)

Conversions

Conversions Part 1

Format	Color
Hex	AB6F90
RGB	171, 111, 144
RGB Percent	67%, 44%, 56%
CMY	0.3302, 0.5654, 0.4360
CMYK	0.00, 0.35, 0.16, 0.33
HSL	327°, 26%, 55%
HSV	327°, 35%, 67%
XYZ	27.4380, 21.9746, 29.1078
YIQ	132.7020, 25.1670, 22.9830

Conversions

Conversions Part 2

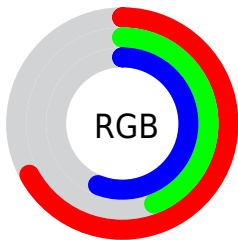
Format	Color
R_{YB}	171, 111, 144
Decimal	11235216
CIE Lab	54.00, 28.73, -8.15
CIE LCh	54, 29.861, 344.163
Yxy	21.9746, 0.3494, 0.2799
Android (android.graphics.Color)	4289425296 (0xFFAB6F90)
YUV	132.7020, 5.5699, 33.5873
Hunter-Lab	46.8770, 22.4445, -4.0016

Details

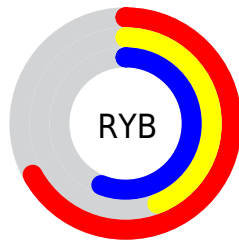
The CIELCh color $54, 29.861, 344.163$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $65, 28.923, 157.845$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 30.143, 343.673$, and $34, 29.695, 343.589$ is the 20% darker color. If you saturate the color by 10%, you get $50, 38.126, 345.309$, and if you desaturate by 10%, it is $58, 21.323, 343.152$.

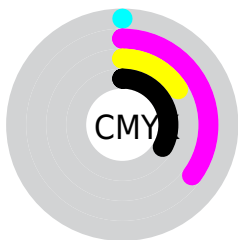
Distribution



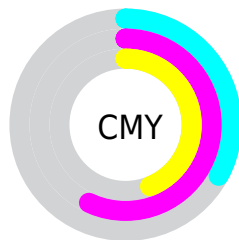
- Red (67%)
- Green (44%)
- Blue (56%)



- Red (67%)
- Yellow (44%)
- Blue (56%)



- Cyan (0%)
- Magenta (35%)
- Yellow (16%)
- Black (33%)




- Cyan (33%)
- Magenta (57%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 29.861, 344.163 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, 29.861, 344.163 by changing the saturation by 10% instead.


 54, 29.861,
344.163

 54, 29.861,
344.163


 100, 29.861,
344.163

 44, 29.861,
344.163


 74, 29.861,
344.163

 34, 29.861,
344.163

 84, 29.861,
344.163

 24, 29.861,
344.163

 94, 29.861,
344.163

 14, 29.861,
344.163

 4, 29.861, 344.163

 0, 29.861, 344.163

54, 29.861,
344.163

54, 29.861,
344.163

50, 38.126,
345.309

58, 21.323,
343.152

46, 45.811,
346.634

63, 12.744,
342.238

43, 52.516,
348.208

67, 4.270, 341.364

40, 57.813,
350.126

72, 4.009, 160.780

39, 61.355,
352.513

77, 12.046,
160.030


37, 63.036,
355.508

82, 19.821,
159.377

37, 63.562,
357.099

87, 27.331,
158.776

92, 34.583,
158.218

 94, 36.193,
160.542

Harmonies

Complementary

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



54, 29.861, 344.163



65, 28.923, 157.845

Rectangle

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



54, 29.861, 344.163



54, 29.861, 34.163



54, 29.861, 164.163



54, 29.861, 214.163

Sweetspot

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



54, 29.859, 344.164



82, 11.428, 341.898



51, 36.199, 308.596



43, 7.751, 342.011



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, 29.859, 344.164



65, 44.005, 345.023



53, 25.527, 17.466



33, 4.687, 341.733



32, 57.274, 356.627



2, 8.038, 345.013

Inverse Universe

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



54, 29.859, 344.164



65, 44.005, 345.023



66, 20.701, 191.479



33, 4.687, 341.733



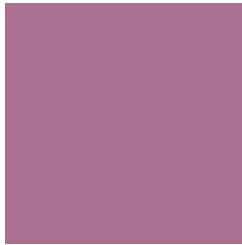
32, 57.274, 356.627



2, 8.038, 345.013

Previews

White Background



This preview shows how the CIELCh color 54, 29.861, 344.163 looks on a white background.

Color Contrast Check

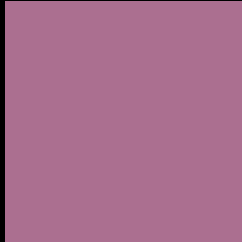
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.861, 344.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

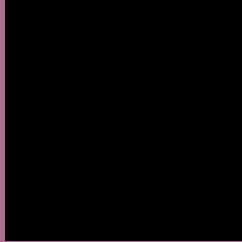
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 29.861, 344.163

Background



This preview shows how black text looks on a background with the CIELCh color 54, 29.861, 344.163.



This preview shows how white text looks on a background with the CIELCh color 54, 29.861, 344.163.

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, 29.861, 344.163

Protanopia

54, 15.605, 286.762

Deuteranopia

54, 9.687, 317.200



Tritanopia
54, 22.426, 10.472

Trichromacy



Original Color
54, 29.861, 344.163

Protanomaly
54, 18.294, 315.085

Deuteranomaly
54, 17.010, 333.252

Tritanomaly
54, 24.787, 358.144

Monochromacy



Original Color
54, 29.861, 344.163

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 11.124, 342.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 29.861, 344.163 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, 111, 144)` looks like.

```
.text, #text, p{  
    color:rgb(171, 111, 144)  
}
```

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, 111, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 111, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 29.861, 344.163 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, 111, 144) }
```

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

```
.border{ border-color:rgb(171, 111, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 111, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 111, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 111, 144);  
box-shadow:4px 4px 4px 4px rgb(171, 111,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 29.861, 344.163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 111, 144) }
```

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

```
.background{ background-color: rgb(171,  
111, 144) }
```

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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