

Converting Colors

CIELCh(54, 34.991, 343.787)

Have a look what the booklet for
CIELCh(54, 34.991, 343.787)
contains.

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Color

CIELCh(54, 35.012, 343.501)

Conversions

Conversions Part 1

Format	Color
Hex	B16B93
RGB	177, 107, 147
RGB Percent	69%, 42%, 58%
CMY	0.3058, 0.5803, 0.4235
CMYK	0.00, 0.40, 0.17, 0.31
HSL	326°, 31%, 56%
HSV	326°, 40%, 69%
XYZ	28.6621, 21.9746, 30.3409
YIQ	132.4900, 28.8800, 27.2800

Conversions

Conversions Part 2

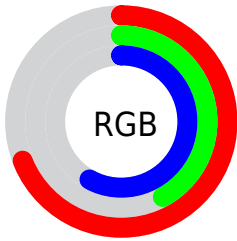
Format	Color
RYB	177, 107, 147
Decimal	11627411
CIELab	54.00, 33.57, -9.94
CIElCh	54, 35.012, 343.501
Yxy	21.9746, 0.3540, 0.2714
Android (android.graphics.Color)	4289817491 (0xFFB16B93)
YUV	132.4900, 7.1534, 39.0353
Hunter-Lab	46.8770, 27.1057, -5.5612

Details

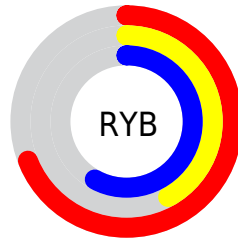
The CIELCh color **54, 35.012, 343.501** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **67, 33.961, 156.314**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 34.829, 343.650**, and **34, 35.128, 343.893** is the 20% darker color. If you saturate the color by 10%, you get **50, 43.372, 344.672**, and if you desaturate by 10%, it is **58, 26.215, 342.471**.

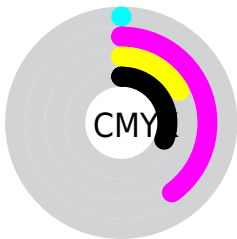
Distribution



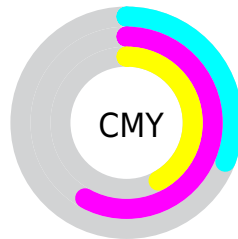
- Red (69%)
- Green (42%)
- Blue (58%)



- Red (69%)
- Yellow (42%)
- Blue (58%)



- Cyan (0%)
- Magenta (40%)
- Yellow (17%)
- Black (31%)





- Cyan (31%)
- Magenta (58%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 35.012, 343.501 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, 35.012, 343.501 by changing the saturation by 10% instead.


 54, 35.012,
343.501


 54, 35.012,
343.501


 100, 35.012,
343.501


 44, 35.012,
343.501


 74, 35.012,
343.501

 34, 35.012,
343.501

 84, 35.012,
343.501

 24, 35.012,
343.501

 94, 35.012,
343.501

 14, 35.012,
343.501

 4, 35.012, 343.501

 0, 35.012, 343.501

■ 54, 35.012,
343.501

■ 54, 35.012,
343.501

■ 50, 43.372,
344.672

■ 58, 26.215,
342.471

■ 46, 50.932,
346.034

■ 63, 17.269,
341.544

■ 43, 57.250,
347.659

■ 68, 8.361, 340.687

■ 41, 61.898,
349.651

■ 72, 0.389, 160.858

■ 77, 8.910, 159.296

■ 39, 64.602,
352.136


■ 82, 17.170,
158.622

■ 38, 65.675,
355.146

■ 87, 25.156,
158.007

■ 38, 65.720,
355.287

■ 92, 32.873,
157.436

 94, 33.873,
160.295

Harmonies

Complementary

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



54, 35.012, 343.501



67, 33.961, 156.314

Rectangle

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



54, 35.012, 343.501



54, 35.012, 33.501



54, 35.012, 163.501



54, 35.012, 213.501

Sweetspot

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



54, 35.010, 343.502



84, 13.018, 340.911



51, 42.112, 308.341



44, 8.636, 341.018



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



54, 35.010, 343.502



65, 50.956, 344.457



53, 29.924, 16.916



35, 4.994, 340.669



33, 59.132, 354.855



2, 11.083, 345.868

Inverse Universe

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



54, 35.010, 343.502



65, 50.956, 344.457



68, 23.755, 189.622



35, 4.994, 340.669



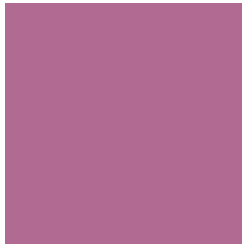
33, 59.132, 354.855



2, 11.083, 345.868

Previews

White Background



This preview shows how the CIELCh color 54, 35.012, 343.501 looks on a white background.

Color Contrast Check

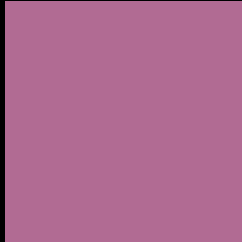
Large Text (above 18pt) WCAG AA ✓ Pass

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, 35.012, 343.501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

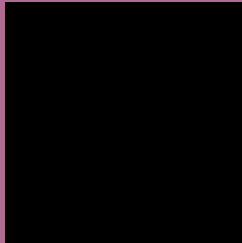
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 35.012, 343.501

Background



This preview shows how black text looks on a background with the CIELCh color 54, 35.012, 343.501.



This preview shows how white text looks on a background with the CIELCh color 54, 35.012, 343.501.

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, 35.012, 343.501

Protanopia

54, 19.087, 286.125

Deuteranopia

54, 11.118, 311.501



Tritanopia
54, 26.288, 12.781

Trichromacy



Original Color
54, 35.012, 343.501

Protanomaly
54, 22.446, 313.825

Deuteranomaly
54, 19.455, 331.378

Tritanomaly
54, 28.555, 359.720

Monochromacy



Original Color
54, 35.012, 343.501

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 12.754, 341.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 35.012, 343.501 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(177, 107, 147)` looks like.

```
.text, #text, p{  
    color:rgb(177, 107, 147)  
}
```

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(177, 107, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 107, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 35.012, 343.501 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(177, 107, 147) }
```

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

```
.border{ border-color:rgb(177, 107, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 107, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 107, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 107, 147);  
box-shadow:4px 4px 4px 4px rgb(177, 107,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 35.012, 343.501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 107, 147) }
```

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

```
.background{ background-color: rgb(177,  
107, 147) }
```

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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