Converting Colors

CIELCh(54, 15.934, 345.555)

Have a look what the booklet for CIELCh(54, 15.934, 345.555) contains.

Color

CIELCh(54, 16.019, 346.353)

Conversions

Conversions Part 1

Format	Color
Hex	997888
RGB	153, 120, 136
RGB Percent	60%, 47%, 53%
CMY	0.4001, 0.5295, 0.4668
CMYK	0.00, 0.22, 0.11, 0.40
HSL	331°, 14%, 54%
HSV	331°, 22%, 60%
XYZ	24.2885, 21.9746, 26.2455
YIQ	131.6910, 14.5320, 11.9720

Conversions

Conversions Part 2

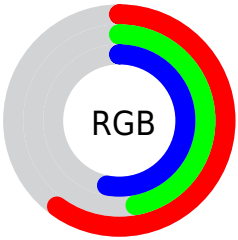
Format	Color
RYB	153, 120, 136
Decimal	10057864
CIELab	54.00, 15.57, -3.78
CIELCh	54, 16.019, 346.353
Yxy	21.9746, 0.3350, 0.3031
Android (android.graphics.Color)	4288247944 (0xFF997888)
YUV	131.6910, 2.1243, 18.6880
Hunter-Lab	46.8770, 10.4519, -0.3814

Details

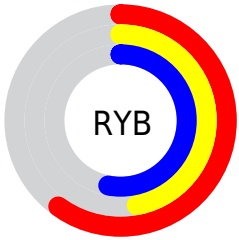
The CIELCh color 54, 16.019, 346.353 is a dark color, and the websafe version is hex 996666. A complement of this color would be 60, 15.570, 162.609, and the grayscale version is 55, 0.007, 296.813.

A 20% lighter version of the original color is 74, 16.319, 346.694, and 34, 16.258, 347.201 is the 20% darker color. If you saturate the color by 10%, you get 50, 23.584, 347.412, and if you desaturate by 10%, it is 58, 8.503, 345.403.

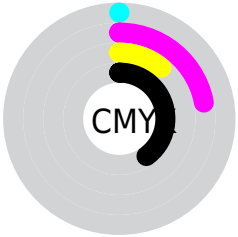
Distribution



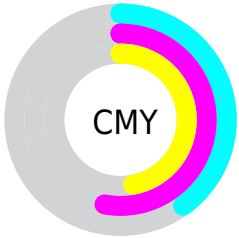
- Red (60%)
- Green (47%)
- Blue (53%)



- Red (60%)
- Yellow (47%)
- Blue (53%)



- Cyan (0%)
- Magenta (22%)
- Yellow (11%)
- Black (40%)



- Cyan (40%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 16.019, 346.353 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, 16.019, 346.353 by changing the saturation by 10% instead.

54, 16.019, 346.353

100, 16.019, 346.353

74, 16.019, 346.353

84, 16.019, 346.353

94, 16.019, 346.353

54, 16.019, 346.353

44, 16.019, 346.353

34, 16.019, 346.353

24, 16.019, 346.353

14, 16.019, 346.353

4, 16.019, 346.353

0, 16.019, 346.353

54, 16.019, 346.353

50, 23.584, 347.412

46, 31.040, 348.617

43, 38.146, 350.024

39, 44.586, 351.706

37, 49.992, 353.766

35, 54.023, 356.342

33, 56.490, 359.588

32, 57.807, 2.737

54, 16.019, 346.353

58, 8.503, 345.403

63, 1.142, 344.308

67, 6.008, 163.895

71, 12.920, 163.165

76, 19.587, 162.512

80, 26.013, 161.911

85, 32.211, 161.355

89, 38.194, 160.838

93, 42.512, 161.157

Harmonies

Complementary

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

54, 16.019, 346.353

60, 15.570, 162.609

Rectangle

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

54, 16.019, 346.353

54, 16.019, 36.353

54, 16.019, 166.353

54, 16.019, 216.353

Sweetspot

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

54, 16.017, 346.355

77, 5.426, 344.899

53, 20.172, 310.056

40, 3.592, 344.954

90, 0.011, 296.813

42, 0.006, 296.813

Same Dimension

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

54, 16.017, 346.355

67, 24.000, 346.862

54, 13.759, 20.934

30, 4.142, 345.189

29, 54.284, 2.370

1, 4.403, 344.922

Inverse Universe

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

54, 16.017, 346.355

67, 24.000, 346.862

61, 11.975, 198.344

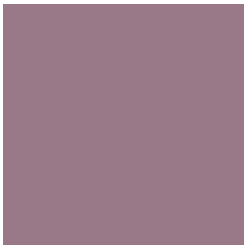
30, 4.142, 345.189

29, 54.284, 2.370

1, 4.403, 344.922

Previews

White Background

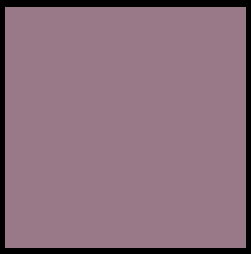


This preview shows how the CIELCh color 54, 16.019, 346.353 looks on a white background.

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



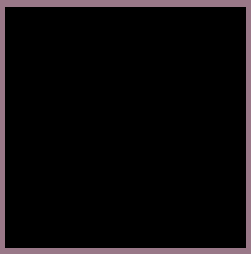
This preview shows how the CIELCh color 54, 16.019, 346.353 looks on a black background.

Color Contrast Check

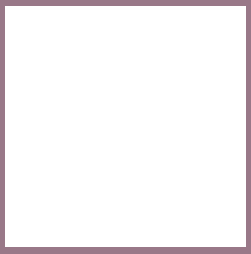
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

If you want to check with other color combinations, try the Color Contrast Checker.

CIELCh 54, 16.019, 346.353 Background



This preview shows how black text looks on a background with the CIELCh color 54, 16.019, 346.353.



This preview shows how white text looks on a background with the CIELCh color 54, 16.019, 346.353.

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, 16.019, 346.353

Protanopia
54, 7.503, 291.100

Deuteranopia
54, 8.017, 334.340

Tritanopia
54, 13.556, 358.651

Trichromacy

Original Color
54, 16.019, 346.353

Protanomaly
54, 9.378, 320.925

Deuteranomaly
54, 10.844, 341.091

Tritanomaly
54, 13.971, 354.237

Monochromacy

Original Color
54, 16.019, 346.353

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 5.587, 349.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 16.019, 346.353 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(153, 120, 136) looks like.

```
.text, #text, p{
    color:rgb(153, 120, 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(153, 120, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 120, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 16.019, 346.353 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(153, 120, 136) }
```

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

```
.border{ border-color:rgb(153, 120, 136) }
```

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

Here you see how a box with a 4 pixel rgb(153, 120, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 120, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 120, 136); box-shadow:4px 4px 4px 4px rgb(153, 120, 136) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 16.019, 346.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(153, 120, 136) }
```

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

```
.background{ background-color:rgb(153,
120, 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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