

Converting Colors

CIELCh(54, 20.053, 332.611)

Have a look what the booklet for
CIELCh(54, 20.053, 332.611)
contains.

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Color

CIELCh(54, 19.947, 333.209)

Conversions

Conversions Part 1

Format	Color
Hex	997791
RGB	153, 119, 145
RGB Percent	60%, 47%, 57%
CMY	0.4004, 0.5337, 0.4318
CMYK	0.00, 0.22, 0.05, 0.40
HSL	314°, 14%, 53%
HSV	314°, 22%, 60%
XYZ	24.8064, 21.9746, 29.6821
YIQ	132.1300, 11.9180, 15.2940

Conversions

Conversions Part 2

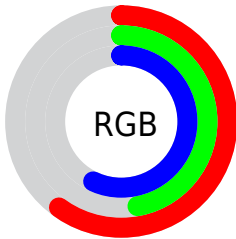
Format	Color
R_{YB}	153, 119, 145
Decimal	10057617
CIE _{Lab}	54.00, 17.81, -8.99
CIE _{LCh}	54, 19.947, 333.209
Yxy	21.9746, 0.3244, 0.2874
Android (android.graphics.Color)	4288247697 (0xFF997791)
YUV	132.1300, 6.3449, 18.3030
Hunter-Lab	46.8770, 12.4238, -4.7279

Details

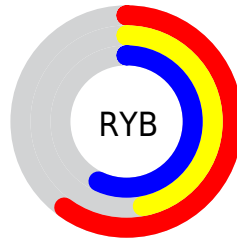
The CIELCh color $54, 19.947, 333.209$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $60, 19.836, 150.219$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 20.367, 333.240$, and $34, 20.423, 333.117$ is the 20% darker color. If you saturate the color by 10%, you get $50, 28.895, 333.904$, and if you desaturate by 10%, it is $58, 10.927, 332.539$.

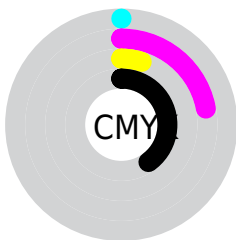
Distribution



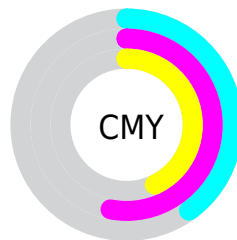
- Red (60%)
- Green (47%)
- Blue (57%)



- Red (60%)
- Yellow (47%)
- Blue (57%)



- Cyan (0%)
- Magenta (22%)
- Yellow (5%)
- Black (40%)




- Cyan (40%)
- Magenta (53%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 19.947, 333.209 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, 19.947, 333.209 by changing the saturation by 10% instead.

 54, 19.947,
333.209


 54, 19.947,
333.209


 100, 19.947,
333.209


 44, 19.947,
333.209


 74, 19.947,
333.209

 34, 19.947,
333.209

 84, 19.947,
333.209

 24, 19.947,
333.209

 94, 19.947,
333.209

 14, 19.947,
333.209

 4, 19.947, 333.209

 0, 19.947, 333.209

54, 19.947,
333.209

54, 19.947,
333.209

50, 28.895,
333.904

58, 10.927,
332.539

46, 37.565,
334.630

62, 1.982, 331.800

67, 6.797, 151.369

43, 45.669,
335.393

71, 15.360,
150.775

40, 52.844,
336.206

75, 23.679,
150.227

38, 58.693,
337.088

80, 31.746,
149.711

36, 62.854,
338.073


84, 39.564,
149.224

35, 65.116,
339.203

88, 47.141,
148.765

34, 65.999,

340.162

 92, 53.629,
148.496

Harmonies

Complementary

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



54, 19.947, 333.209



60, 19.836, 150.219

Rectangle

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



54, 19.947, 333.209



54, 19.947, 23.209



54, 19.947, 153.209



54, 19.947, 203.209

Sweetspot

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



54, 19.945, 333.210



77, 7.722, 332.196



52, 20.066, 300.862



40, 5.006, 332.232



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, 19.945, 333.210



67, 30.024, 333.575



53, 14.758, 0.558



30, 5.041, 332.338



31, 62.045, 340.049



1, 5.364, 332.265

Inverse Universe

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



54, 19.945, 333.210



67, 30.024, 333.575



60, 13.747, 176.268



30, 5.041, 332.338



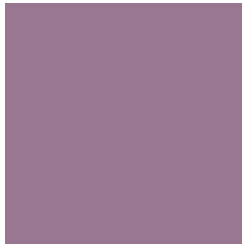
31, 62.045, 340.049



1, 5.364, 332.265

Previews

White Background



This preview shows how the CIELCh color 54, 19.947, 333.209 looks on a white background.

Color Contrast Check

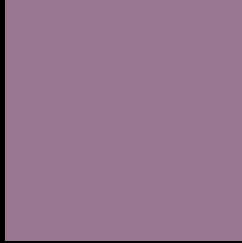
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.947, 333.209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

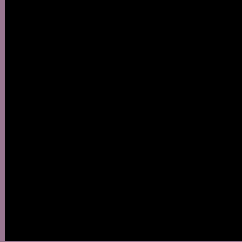
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 19.947, 333.209

Background



This preview shows how black text looks on a background with the CIELCh color 54, 19.947, 333.209.



This preview shows how white text looks on a background with the CIELCh color 54, 19.947, 333.209.

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, 19.947, 333.209

Protanopia

54, 13.290, 287.050

Deuteranopia

54, 10.991, 309.610



Tritanopia
54, 13.382, 355.616

Trichromacy



Original Color
54, 19.947, 333.209

Protanomaly
54, 14.421, 306.903

Deuteranomaly
54, 14.215, 322.527

Tritanomaly
54, 15.694, 345.448

Monochromacy



Original Color
54, 19.947, 333.209

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 7.728, 332.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 19.947, 333.209 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, 119, 145)` looks like.

```
.text, #text, p{  
    color:rgb(153, 119, 145)  
}
```

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, 119, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 119, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 19.947, 333.209 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, 119, 145) }
```

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

```
.border{ border-color:rgb(153, 119, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 119, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 119, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 119, 145);  
box-shadow:4px 4px 4px 4px rgb(153, 119,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 19.947, 333.209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 119, 145) }
```

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

```
.background{ background-color: rgb(153,  
119, 145) }
```

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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