

Converting Colors

CIELCh(54, 26.739, 323.500)

Have a look what the booklet for
CIELCh(54, 26.739, 323.500)
contains.

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Color

CIELCh(54, 26.901, 323.648)

Conversions

Conversions Part 1

Format	Color
Hex	9A759D
RGB	154, 117, 157
RGB Percent	60%, 46%, 62%
CMY	0.3967, 0.5417, 0.3849
CMYK	0.02, 0.25, 0.00, 0.38
HSL	295°, 17%, 54%
HSV	295°, 25%, 62%
XYZ	25.7163, 21.9746, 34.7182
YIQ	132.6230, 9.2120, 20.2840

Conversions

Conversions Part 2

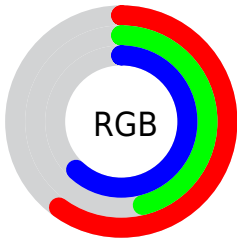
Format	Color
R _Y B	154, 117, 157
Decimal	10122653
CIE Lab	54.00, 21.67, -15.95
CIE LCh	54, 26.901, 323.648
Yxy	21.9746, 0.3121, 0.2667
Android (android.graphics.Color)	4288312733 (0xFF9A759D)
YUV	132.6230, 12.0179, 18.7476
Hunter-Lab	46.8770, 15.8885, -11.0976

Details

The CIELCh color $54, 26.901, 323.648$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 26.792, 140.915$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 27.367, 323.567$, and $34, 27.187, 323.174$ is the 20% darker color. If you saturate the color by 10%, you get $50, 37.366, 324.118$, and if you desaturate by 10%, it is $58, 16.301, 323.157$.

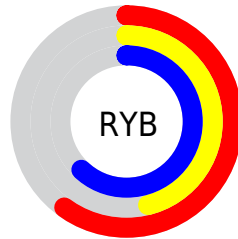
Distribution



Red (60%)

Green (46%)

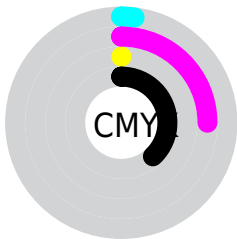
Blue (62%)



Red (60%)

Yellow (46%)

Blue (62%)

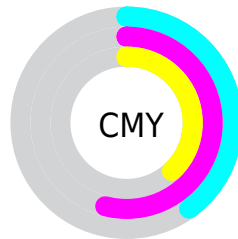


Cyan (2%)

Magenta (25%)

Yellow (0%)

Black (38%)



Cyan (40%)

Magenta (54%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 26.901, 323.648 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, 26.901, 323.648 by changing the saturation by 10% instead.

 54, 26.901,
323.648

 54, 26.901,
323.648

 100, 26.901,
323.648

 44, 26.901,
323.648

 74, 26.901,
323.648

 34, 26.901,
323.648

 84, 26.901,
323.648

 24, 26.901,
323.648

 94, 26.901,
323.648

 14, 26.901,
323.648

 4, 26.901, 323.648

 0, 26.901, 323.648

54, 26.901,
323.648

54, 26.901,
323.648

50, 37.366,
324.118

58, 16.301,
323.157

46, 47.452,
324.551

62, 5.745, 322.645

67, 4.651, 142.240

43, 56.831,
324.926

71, 14.817,
141.743

40, 65.106,
325.219

75, 24.712,
141.290

38, 71.864,
325.405

80, 34.318,
140.864

36, 76.763,
325.466


84, 43.630,
140.466

35, 79.691,
325.392

89, 52.652,
140.094

35, 80.736,

325.342

 93, 59.685,
139.759

Harmonies

Complementary

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



54, 26.901, 323.648



61, 26.792, 140.915

Rectangle

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



54, 26.901, 323.648



54, 26.901, 13.648



54, 26.901, 143.648



54, 26.901, 193.648

Sweetspot

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



54, 26.899, 323.648



78, 10.379, 322.786



51, 21.355, 289.706



40, 7.366, 322.859



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



54, 26.899, 323.648



66, 40.489, 323.938



54, 20.637, 341.458



31, 5.965, 322.843



32, 75.375, 325.365



1, 7.717, 321.953

Inverse Universe

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



53, 16.767, 15.509



65, 25.737, 16.291



61, 20.229, 157.303



31, 3.547, 13.831



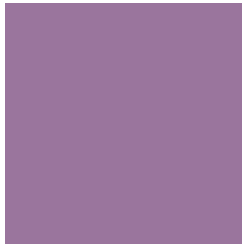
29, 64.584, 36.095



1, 4.503, 13.505

Previews

White Background



This preview shows how the CIELCh color 54, 26.901, 323.648 looks on a white background.

Color Contrast Check

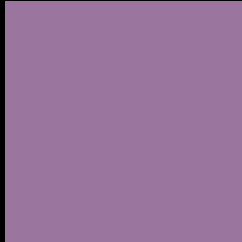
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.901, 323.648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

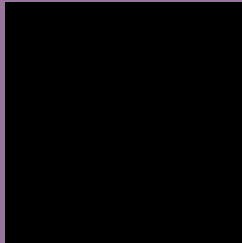
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 26.901, 323.648

Background



This preview shows how black text looks on a background with the CIELCh color 54, 26.901, 323.648.



This preview shows how white text looks on a background with the CIELCh color 54, 26.901, 323.648.

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, 26.901, 323.648

Protanopia

54, 21.427, 285.337

Deuteranopia

54, 16.811, 295.920



Tritanopia
54, 12.409, 356.289

Trichromacy



Original Color
54, 26.901, 323.648

Protanomaly
54, 22.206, 300.177

Deuteranomaly
54, 19.935, 308.491

Tritanomaly
54, 16.764, 338.074

Monochromacy



Original Color
54, 26.901, 323.648

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 10.255, 323.144

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 26.901, 323.648 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(154, 117, 157)` looks like.

```
.text, #text, p{  
    color:rgb(154, 117, 157)  
}
```

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(154, 117, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 117, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 26.901, 323.648 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(154, 117, 157) }
```

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

```
.border{ border-color:rgb(154, 117, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 117, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 117, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 117, 157);  
box-shadow:4px 4px 4px 4px rgb(154, 117,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 26.901, 323.648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 117, 157) }
```

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

```
.background{ background-color: rgb(154,  
117, 157) }
```

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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