

Converting Colors

CIELCh(54, 17.938, 324.231)

Have a look what the booklet for
CIELCh(54, 17.938, 324.231)
contains.

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Color

CIELCh(54, 17.852, 324.300)

Conversions

Conversions Part 1

Format	Color
Hex	927993
RGB	146, 121, 147
RGB Percent	57%, 47%, 58%
CMY	0.4265, 0.5246, 0.4226
CMYK	0.01, 0.18, 0.00, 0.42
HSL	298°, 11%, 53%
HSV	298°, 18%, 58%
XYZ	24.0438, 21.9746, 30.6724
YIQ	131.4390, 6.5540, 13.3860

Conversions

Conversions Part 2

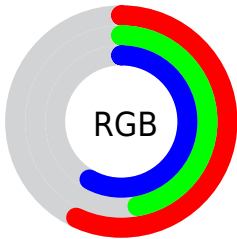
Format	Color
R_{YB}	146, 121, 147
Decimal	9599379
CIE _{Lab}	54.00, 14.50, -10.42
CIE _{LCh}	54, 17.852, 324.300
Yxy	21.9746, 0.3135, 0.2865
Android (android.graphics.Color)	4287789459 (0xFF927993)
YUV	131.4390, 7.6716, 12.7700
Hunter-Lab	46.8770, 9.5199, -5.9805

Details

The CIELCh color $54, 17.852, 324.300$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $58, 17.813, 142.401$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 18.134, 324.200$, and $34, 17.790, 324.524$ is the 20% darker color. If you saturate the color by 10%, you get $50, 27.987, 324.805$, and if you desaturate by 10%, it is $58, 7.705, 323.777$.

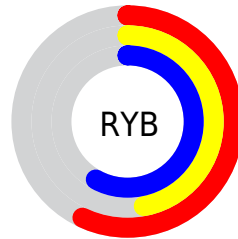
Distribution



Red (57%)

Green (47%)

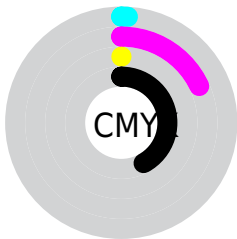
Blue (58%)



Red (57%)

Yellow (47%)

Blue (58%)

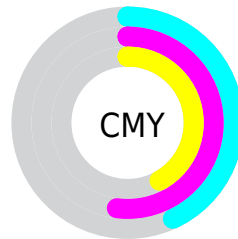


Cyan (1%)

Magenta (18%)

Yellow (0%)

Black (42%)



Cyan (43%)

Magenta (52%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 17.852, 324.300 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, 17.852, 324.300 by changing the saturation by 10% instead.


 54, 17.852,
324.300


 54, 17.852,
324.300


 100, 17.852,
324.300

 44, 17.852,
324.300

 74, 17.852,
324.300

 34, 17.852,
324.300

 84, 17.852,
324.300

 24, 17.852,
324.300

 94, 17.852,
324.300

 14, 17.852,
324.300

 4, 17.852, 324.300

 0, 17.852, 324.300

54, 17.852,
324.300

54, 17.852,
324.300

50, 27.987,
324.805

58, 7.705, 323.777

47, 37.927,
325.287

62, 2.320, 143.384

43, 47.409,
325.730

66, 12.142,
142.822

40, 56.105,
326.116

70, 21.713,
142.341

38, 63.637,
326.424

74, 31.007,
141.886

36, 69.637,
326.638

79, 40.016,
141.458


35, 73.833,
326.743


83, 48.742,
141.057

34, 76.347,

87, 57.193,
140.682

326.749

 91, 65.381,
140.334

 34, 76.880,
326.748

Harmonies

Complementary

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



54, 17.852, 324.300



58, 17.813, 142.401

Rectangle

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



54, 17.852, 324.300



54, 17.852, 14.300



54, 17.852, 144.300



54, 17.852, 194.300

Sweetspot

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



54, 17.850, 324.300



75, 6.213, 323.634



52, 14.356, 290.064



39, 4.274, 323.671



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



54, 17.850, 324.300



67, 26.295, 324.492



54, 13.216, 342.446



29, 5.706, 323.860



31, 73.222, 326.757



1, 4.962, 323.411

Inverse Universe

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



53, 10.738, 17.531



66, 16.014, 17.904



59, 12.994, 159.637



29, 3.344, 16.777



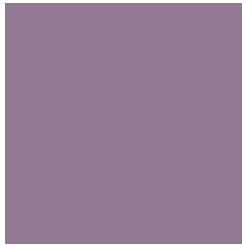
28, 63.878, 37.394



1, 2.835, 16.209

Previews

White Background



This preview shows how the CIELCh color 54, 17.852, 324.300 looks on a white background.

Color Contrast Check

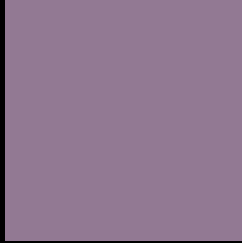
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.852, 324.300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

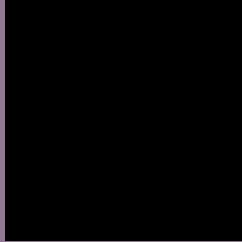
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 17.852, 324.300

Background



This preview shows how black text looks on a background with the CIELCh color 54, 17.852, 324.300.



This preview shows how white text looks on a background with the CIELCh color 54, 17.852, 324.300.

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, 17.852, 324.300

Protanopia

54, 13.863, 287.330

Deuteranopia

54, 11.985, 306.185



Tritanopia
54, 9.527, 347.607

Trichromacy



Original Color
54, 17.852, 324.300

Protanomaly
54, 14.146, 302.466

Deuteranomaly
54, 13.844, 314.293

Tritanomaly
54, 12.260, 336.049

Monochromacy



Original Color
54, 17.852, 324.300

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 6.779, 322.027

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 17.852, 324.300 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(146, 121, 147)` looks like.

```
.text, #text, p{  
    color:rgb(146, 121, 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(146, 121, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 121, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 17.852, 324.300 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(146, 121, 147) }
```

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

```
.border{ border-color:rgb(146, 121, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 121, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 121, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 121, 147);  
box-shadow:4px 4px 4px 4px rgb(146, 121,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 17.852, 324.300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 121, 147) }
```

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

```
.background{ background-color: rgb(146,  
121, 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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