

Converting Colors

CIELCh(54, 27.618, 315.565)

Have a look what the booklet for
CIELCh(54, 27.618, 315.565)
contains.

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Color

CIELCh(54, 27.583, 315.558)

Conversions

Conversions Part 1

Format	Color
Hex	9477A3
RGB	148, 119, 163
RGB Percent	58%, 47%, 64%
CMY	0.4214, 0.5350, 0.3626
CMYK	0.09, 0.27, 0.00, 0.36
HSL	280°, 19%, 55%
HSV	280°, 27%, 64%
XYZ	25.2485, 21.9746, 37.3492
YIQ	132.6870, 3.1600, 19.8320

Conversions

Conversions Part 2

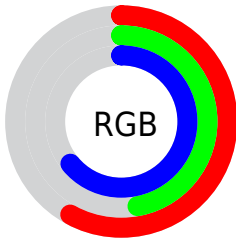
Format	Color
R_{YB}	148, 119, 163
Decimal	9729955
CIE _{Lab}	54.00, 19.69, -19.31
CIE _{LCh}	54, 27.583, 315.558
Yxy	21.9746, 0.2985, 0.2598
Android (android.graphics.Color)	4287920035 (0xFF9477A3)
YUV	132.6870, 14.9443, 13.4295
Hunter-Lab	46.8770, 14.1074, -14.4253

Details

The CIELCh color $54, 27.583, 315.558$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $64, 26.949, 133.205$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 27.800, 315.355$, and $34, 27.694, 315.914$ is the 20% darker color. If you saturate the color by 10%, you get $49, 37.992, 315.990$, and if you desaturate by 10%, it is $59, 17.231, 315.120$.

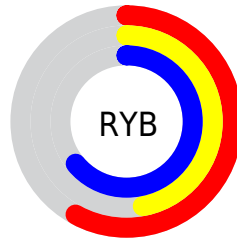
Distribution



Red (58%)

Green (47%)

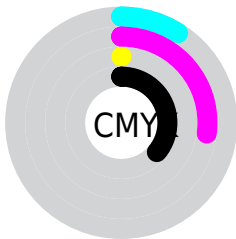
Blue (64%)



Red (58%)

Yellow (47%)

Blue (64%)

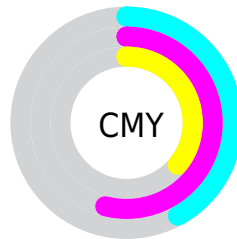


Cyan (9%)

Magenta (27%)

Yellow (0%)

Black (36%)



Cyan (42%)

Magenta (54%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 27.583, 315.558 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, 27.583, 315.558 by changing the saturation by 10% instead.


 54, 27.583,
315.558

 54, 27.583,
315.558


 100, 27.583,
315.558

 44, 27.583,
315.558


 74, 27.583,
315.558

 34, 27.583,
315.558

 84, 27.583,
315.558

 24, 27.583,
315.558

 94, 27.583,
315.558

 14, 27.583,
315.558

 4, 27.583, 315.558

 0, 27.583, 315.558

54, 27.583,
315.558

54, 27.583,
315.558

49, 37.992,
315.990

59, 17.231,
315.120

45, 48.287,
316.395

63, 7.051, 314.687

68, 2.899, 134.358

41, 58.193,
316.736

73, 12.585,
133.949

37, 67.318,
316.964

78, 21.997,
133.605

34, 75.157,
317.017

83, 31.132,
133.294

31, 81.165,
316.823


87, 39.998,
133.015

29, 85.076,
316.345

92, 48.604,
132.766

29, 86.119,

316.200

 94, 51.364,
131.521

Harmonies

Complementary

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



54, 27.583, 315.558



64, 26.949, 133.205

Rectangle

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



54, 27.583, 315.558



54, 27.583, 5.558



54, 27.583, 135.558



54, 27.583, 185.558

Sweetspot

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



54, 27.581, 315.558



80, 9.927, 314.735



56, 17.066, 273.793



42, 7.123, 314.798



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



54, 27.581, 315.558



66, 40.595, 315.800



55, 27.077, 330.452



32, 5.688, 314.784



25, 79.292, 316.295



1, 8.640, 312.527

Inverse Universe

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



55, 19.626, 355.973



67, 28.959, 356.703



63, 27.008, 146.935



32, 4.003, 353.975



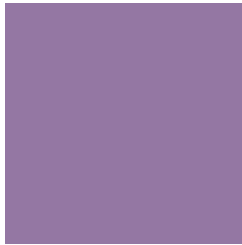
30, 56.448, 16.156



1, 6.020, 355.343

Previews

White Background



This preview shows how the CIELCh color 54, 27.583, 315.558 looks on a white background.

Color Contrast Check

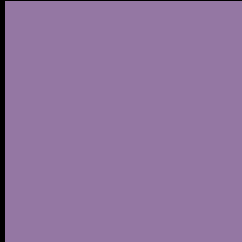
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.583, 315.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

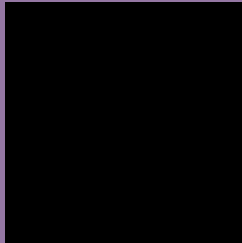
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 27.583, 315.558

Background



This preview shows how black text looks on a background with the CIELCh color 54, 27.583, 315.558.



This preview shows how white text looks on a background with the CIELCh color 54, 27.583, 315.558.

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, 27.583, 315.558

Protanopia

54, 23.765, 284.817

Deuteranopia

54, 19.610, 291.498



Tritanopia
54, 9.516, 343.296

Trichromacy



Original Color
54, 27.583, 315.558

Protanomaly
54, 24.322, 296.349

Deuteranomaly
54, 22.311, 302.015

Tritanomaly
54, 15.540, 326.473

Monochromacy



Original Color
54, 27.583, 315.558

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 10.191, 315.777

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 27.583, 315.558 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(148, 119, 163)` looks like.

```
.text, #text, p{  
    color:rgb(148, 119, 163)  
}
```

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(148, 119, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 119, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 27.583, 315.558 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(148, 119, 163) }
```

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

```
.border{ border-color:rgb(148, 119, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 119, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 119, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 119, 163);  
box-shadow:4px 4px 4px 4px rgb(148, 119,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 27.583, 315.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 119, 163) }
```

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

```
.background{ background-color: rgb(148,  
119, 163) }
```

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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