

Converting Colors

CIELCh(54, 27.095, 312.601)

Have a look what the booklet for
CIELCh(54, 27.095, 312.601)
contains.

CIELCh(54, 27.060, 312.594)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 27.060, 312.594)

Conversions

Conversions Part 1

Format	Color
Hex	9178A4
RGB	145, 120, 164
RGB Percent	57%, 47%, 64%
CMY	0.4331, 0.5311, 0.3586
CMYK	0.12, 0.27, 0.00, 0.36
HSL	274°, 19%, 56%
HSV	274°, 27%, 64%
XYZ	24.9250, 21.9746, 37.8375
YIQ	132.4910, 0.7760, 18.9840

Conversions

Conversions Part 2

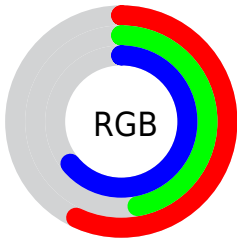
Format	Color
R_{YB}	145, 120, 164
Decimal	9533604
CIE _{Lab}	54.00, 18.31, -19.92
CIE _{LCh}	54, 27.060, 312.594
Yxy	21.9746, 0.2941, 0.2593
Android (android.graphics.Color)	4287723684 (0xFF9178A4)
YUV	132.4910, 15.5339, 10.9704
Hunter-Lab	46.8770, 12.8753, -15.0429

Details

The CIELCh color $54, 27.060, 312.594$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $64, 26.240, 130.222$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 27.278, 312.570$, and $34, 27.195, 312.765$ is the 20% darker color. If you saturate the color by 10%, you get $49, 37.448, 313.070$, and if you desaturate by 10%, it is $59, 16.805, 312.127$.

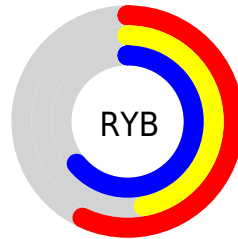
Distribution



Red (57%)

Green (47%)

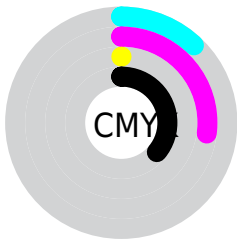
Blue (64%)



Red (57%)

Yellow (47%)

Blue (64%)

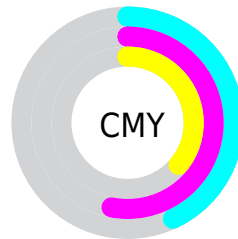


Cyan (12%)

Magenta (27%)

Yellow (0%)

Black (36%)



Cyan (43%)

Magenta (53%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 27.060, 312.594 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, 27.060, 312.594 by changing the saturation by 10% instead.

 54, 27.060,
312.594

 54, 27.060,
312.594

 100, 27.060,
312.594

 44, 27.060,
312.594

 74, 27.060,
312.594

 34, 27.060,
312.594

 84, 27.060,
312.594

 24, 27.060,
312.594

 94, 27.060,
312.594

 14, 27.060,
312.594

 4, 27.060, 312.594

 0, 27.060, 312.594

54, 27.060,
312.594

54, 27.060,
312.594

49, 37.448,
313.070

59, 16.805,
312.127

45, 47.827,
313.534

64, 6.769, 311.678

40, 57.955,
313.949

69, 3.005, 131.330

36, 67.459,
314.261

74, 12.501,
130.930

32, 75.823,
314.395

79, 21.713,
130.593

30, 82.426,
314.262

84, 30.648,
130.294


27, 86.869,
313.802

88, 39.314,
130.030

27, 88.129,

93, 47.725,
129.799

313.659

 95, 49.288,
127.815

Harmonies

Complementary

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



54, 27.060, 312.594



64, 26.240, 130.222

Rectangle

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



54, 27.060, 312.594



54, 27.060, 2.594



54, 27.060, 132.594



54, 27.060, 182.594

Sweetspot

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



54, 27.058, 312.594



80, 9.714, 311.734



57, 15.480, 266.364



42, 6.971, 311.799



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, 27.058, 312.594



65, 39.938, 312.865



56, 28.639, 327.777



32, 5.566, 311.784



23, 80.753, 313.769



1, 8.465, 309.575

Inverse Universe

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



55, 20.529, 350.069



67, 30.249, 350.747



63, 28.617, 144.460



32, 4.224, 348.244



30, 55.542, 7.531



1, 6.323, 349.953

Previews

White Background



This preview shows how the CIELCh color 54, 27.060, 312.594 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, 27.060, 312.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

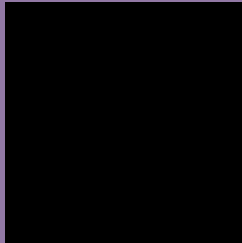
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 27.060, 312.594

Background



This preview shows how black text looks on a background with the CIELCh color 54, 27.060, 312.594.



This preview shows how white text looks on a background with the CIELCh color 54, 27.060, 312.594.

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, 27.060, 312.594

Protanopia

54, 23.765, 284.817

Deuteranopia

54, 20.187, 290.603



Tritanopia
54, 8.296, 336.368

Trichromacy



Original Color
54, 27.060, 312.594

Protanomaly
54, 24.302, 295.530

Deuteranomaly
54, 22.776, 300.031

Tritanomaly
54, 14.703, 321.357

Monochromacy



Original Color
54, 27.060, 312.594

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 10.036, 313.753

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 27.060, 312.594 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(145, 120, 164)` looks like.

```
.text, #text, p{  
    color:rgb(145, 120, 164)  
}
```

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(145, 120, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 120, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 27.060, 312.594 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(145, 120, 164) }
```

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

```
.border{ border-color:rgb(145, 120, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 120, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 120, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 120, 164);  
box-shadow:4px 4px 4px 4px rgb(145, 120,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 27.060, 312.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 120, 164) }
```

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

```
.background{ background-color: rgb(145,  
120, 164) }
```

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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