

Converting Colors

CIELCh(54, 17.478, 298.248)

Have a look what the booklet for
CIELCh(54, 17.478, 298.248)
contains.

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Color

CIELCh(54, 17.453, 298.239)

Conversions

Conversions Part 1

Format	Color
Hex	837E9C
RGB	131, 126, 156
RGB Percent	51%, 49%, 61%
CMY	0.4881, 0.5077, 0.3901
CMYK	0.16, 0.19, 0.00, 0.39
HSL	250°, 13%, 55%
HSV	250°, 19%, 61%
XYZ	22.6484, 21.9746, 34.2857
YIQ	130.9150, -6.6500, 10.3900

Conversions

Conversions Part 2

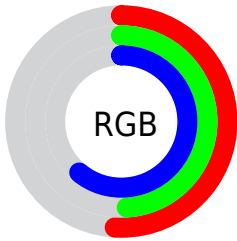
Format	Color
R_{YB}	131, 126, 156
Decimal	8617628
CIE Lab	54.00, 8.26, -15.38
CIE LCh	54, 17.453, 298.239
Yxy	21.9746, 0.2870, 0.2785
Android (android.graphics.Color)	4286807708 (0xFF837E9C)
YUV	130.9150, 12.3669, 0.0745
Hunter-Lab	46.8770, 4.2067, -10.5506

Details

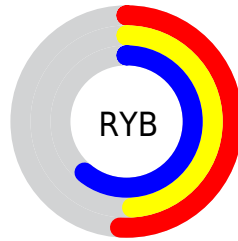
The CIELCh color $54, 17.453, 298.239$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $63, 16.746, 115.336$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 17.464, 297.527$, and $34, 17.685, 298.030$ is the 20% darker color. If you saturate the color by 10%, you get $49, 27.018, 299.217$, and if you desaturate by 10%, it is $59, 8.243, 297.386$.

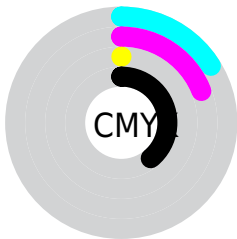
Distribution



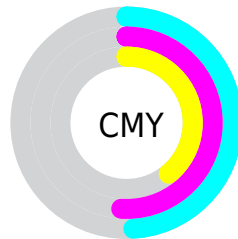
- Red (51%)
- Green (49%)
- Blue (61%)



- Red (51%)
- Yellow (49%)
- Blue (61%)



- Cyan (16%)
- Magenta (19%)
- Yellow (0%)
- Black (39%)



- Cyan (49%)
- Magenta (51%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 17.453, 298.239 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, 17.453, 298.239 by changing the saturation by 10% instead.


 54, 17.453,
298.239


 54, 17.453,
298.239


 100, 17.453,
298.239


 44, 17.453,
298.239


 74, 17.453,
298.239

 34, 17.453,
298.239

 84, 17.453,
298.239

 24, 17.453,
298.239

 94, 17.453,
298.239

 14, 17.453,
298.239

 4, 17.453, 298.239

 0, 17.453, 298.239

■ 54, 17.453,
298.239

■ 54, 17.453,
298.239

■ 49, 27.018,
299.217

■ 59, 8.243, 297.386

■ 43, 36.940,
300.332

■ 65, 0.622, 116.649

■ 70, 9.161, 116.016

■ 38, 47.176,
301.577

■ 75, 17.397,
115.470

■ 33, 57.597,
302.921

■ 80, 25.347,
115.000

■ 28, 67.902,
304.289

■ 85, 33.032,
114.595

■ 24, 77.478,
305.540


■ 90, 40.468,
114.246


■ 21, 85.323,
306.462

■ 95, 47.672,
113.945

■ 19, 90.939,

307.025

 98, 49.605,
109.949

 18, 91.343,
307.078

Harmonies

Complementary

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



54, 17.453, 298.239



63, 16.746, 115.336

Rectangle

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



54, 17.453, 298.239



54, 17.453, 348.239



54, 17.453, 118.239



54, 17.453, 168.239

Sweetspot

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



54, 17.452, 298.238



77, 6.546, 297.142



61, 9.549, 214.092



41, 4.381, 297.187



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, 17.452, 298.238



66, 25.915, 298.629



55, 18.790, 314.923



30, 4.955, 297.381



16, 84.630, 307.134



0, 5.270, 296.590

Inverse Universe

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



56, 18.387, 330.528



69, 27.108, 330.788



62, 18.473, 133.302



30, 5.294, 329.902



32, 65.226, 335.980



1, 5.634, 329.832

Previews

White Background



This preview shows how the CIELCh color 54, 17.453, 298.239 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, 17.453, 298.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

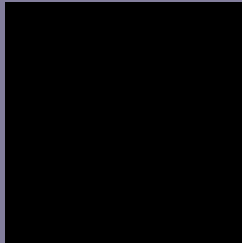
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 17.453, 298.239

Background



This preview shows how black text looks on a background with the CIELCh color 54, 17.453, 298.239.



This preview shows how white text looks on a background with the CIELCh color 54, 17.453, 298.239.

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, 17.453, 298.239

Protanopia

54, 16.775, 286.088

Deuteranopia

54, 16.811, 295.920



Tritanopia
54, 5.772, 287.084

Trichromacy



Original Color
54, 17.453, 298.239

Protanomaly
54, 16.736, 290.968

Deuteranomaly
54, 16.842, 297.159

Tritanomaly
54, 9.821, 293.569

Monochromacy



Original Color
54, 17.453, 298.239

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 6.407, 297.849

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 17.453, 298.239 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(131, 126, 156)` looks like.

```
.text, #text, p{  
    color:rgb(131, 126, 156)  
}
```

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(131, 126, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 126, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 17.453, 298.239 is called "border". The border property can be set on classes, ids or directly on the HTML element.

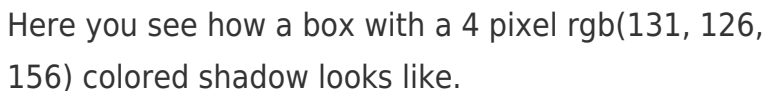
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(131, 126, 156) }
```

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

```
.border{ border-color:rgb(131, 126, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(131, 126, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(131, 126, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(131, 126, 156); box-shadow:4px 4px 4px 4px rgb(131, 126, 156) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 17.453, 298.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 126, 156) }
```

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

```
.background{ background-color: rgb(131,  
126, 156) }
```

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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