

Converting Colors

CIELCh(54, 15.191, 308.956)

Have a look what the booklet for
CIELCh(54, 15.191, 308.956)
contains.

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Color

CIELCh(54, 15.203, 309.133)

Conversions

Conversions Part 1

Format	Color
Hex	887C95
RGB	136, 124, 149
RGB Percent	53%, 49%, 58%
CMY	0.4650, 0.5121, 0.4140
CMYK	0.09, 0.17, 0.00, 0.41
HSL	269°, 11%, 54%
HSV	269°, 17%, 59%
XYZ	22.9428, 21.9746, 31.6479
YIQ	130.4380, -0.8730, 10.3190

Conversions

Conversions Part 2

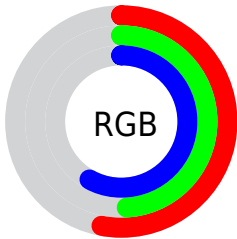
Format	Color
R _Y B	136, 124, 149
Decimal	8944789
CIE Lab	54.00, 9.59, -11.79
CIE LCh	54, 15.203, 309.133
Yxy	21.9746, 0.2997, 0.2870
Android (android.graphics.Color)	4287134869 (0xFF887C95)
YUV	130.4380, 9.1511, 4.8779
Hunter-Lab	46.8770, 5.3275, -7.2142

Details

The CIELCh color $54, 15.203, 309.133$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 14.852, 127.626$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 14.804, 308.312$, and $34, 15.189, 309.363$ is the 20% darker color. If you saturate the color by 10%, you get $49, 24.609, 309.649$, and if you desaturate by 10%, it is $59, 6.035, 308.648$.

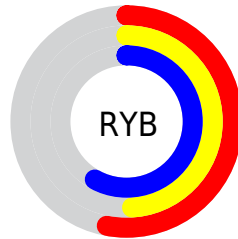
Distribution



Red (53%)

Green (49%)

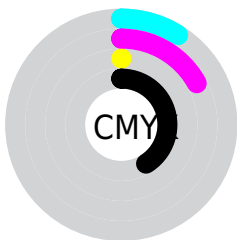
Blue (58%)



Red (53%)

Yellow (49%)

Blue (58%)

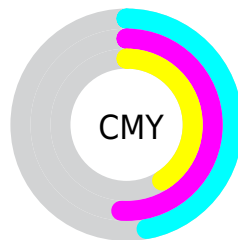


Cyan (9%)

Magenta (17%)

Yellow (0%)

Black (41%)



Cyan (47%)


Magenta (51%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 15.203, 309.133 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, 15.203, 309.133 by changing the saturation by 10% instead.


 54, 15.203,
309.133


 54, 15.203,
309.133


 100, 15.203,
309.133


 44, 15.203,
309.133


 74, 15.203,
309.133

 34, 15.203,
309.133

 84, 15.203,
309.133

 24, 15.203,
309.133

 94, 15.203,
309.133

 14, 15.203,
309.133

 4, 15.203, 309.133

 0, 15.203, 309.133

54, 15.203,
309.133

54, 15.203,
309.133

49, 24.609,
309.649

59, 6.035, 308.648

45, 34.204,
310.194

63, 2.867, 128.264

40, 43.881,
310.748

68, 11.497,
127.855

36, 53.455,
311.276

73, 19.861,
127.511

32, 62.613,
311.725

77, 27.965,
127.209

28, 70.886,
312.013

82, 35.823,
126.945

25, 77.651,
312.034

87, 43.447,
126.716

23, 82.469,

91, 50.849,
126.519

311.724

95, 55.902,
125.685

22, 83.970,
311.640

Harmonies

Complementary

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



54, 15.203, 309.133



60, 14.852, 127.626

Rectangle

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



54, 15.203, 309.133



54, 15.203, 359.133



54, 15.203, 129.133



54, 15.203, 179.133

Sweetspot

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



54, 15.201, 309.132



75, 5.525, 308.570



57, 8.180, 253.943



39, 3.761, 308.600



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, 15.201, 309.132



67, 22.566, 309.317



55, 17.142, 324.397



29, 5.034, 308.765



20, 79.048, 311.723



0, 4.349, 308.365

Inverse Universe

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



55, 12.417, 343.948



68, 18.398, 344.286



59, 17.110, 142.592



29, 4.123, 343.277



29, 53.946, 359.060



1, 3.569, 342.587

Previews

White Background



This preview shows how the CIELCh color 54, 15.203, 309.133 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, 15.203, 309.133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

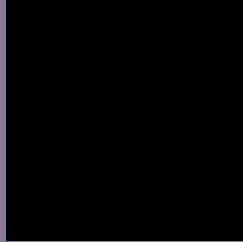
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 15.203, 309.133

Background



This preview shows how black text looks on a background with the CIELCh color 54, 15.203, 309.133.



This preview shows how white text looks on a background with the CIELCh color 54, 15.203, 309.133.

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, 15.203, 309.133

Protanopia

54, 13.889, 285.841

Deuteranopia

54, 13.512, 301.318



Tritanopia
54, 6.414, 316.006

Trichromacy



Original Color
54, 15.203, 309.133

Protanomaly
54, 13.889, 294.899

Deuteranomaly
54, 14.327, 305.439

Tritanomaly
54, 9.907, 311.679

Monochromacy



Original Color
54, 15.203, 309.133

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 5.434, 307.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 15.203, 309.133 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(136, 124, 149)` looks like.

```
.text, #text, p{  
    color:rgb(136, 124, 149)  
}
```

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(136, 124, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 124, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 15.203, 309.133 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(136, 124, 149) }
```

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

```
.border{ border-color:rgb(136, 124, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 124, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 124, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 124, 149);  
box-shadow:4px 4px 4px 4px rgb(136, 124,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 15.203, 309.133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 124, 149) }
```

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

```
.background{ background-color: rgb(136,  
124, 149) }
```

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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