

Converting Colors

CIELCh(54, 19.578, 1.014)

Have a look what the booklet for
CIELCh(54, 19.578, 1.014) contains.

CIELCh(54, 19.528, 1.279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 19.528, 1.279)

Conversions

Conversions Part 1

Format	Color
Hex	A27581
RGB	162, 117, 129
RGB Percent	64%, 46%, 51%
CMY	0.3649, 0.5413, 0.4943
CMYK	0.00, 0.28, 0.20, 0.36
HSL	344°, 19%, 55%
HSV	344°, 28%, 64%
XYZ	25.2085, 21.9746, 23.6683
YIQ	131.8230, 22.9680, 13.2720

Conversions

Conversions Part 2

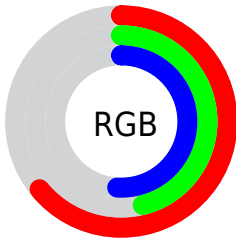
Format	Color
R_{YB}	162, 117, 129
Decimal	10646913
CIE _{Lab}	54.00, 19.52, 0.44
CIE _{LCh}	54, 19.528, 1.279
Yxy	21.9746, 0.3558, 0.3102
Android (android.graphics.Color)	4288836993 (0xFFA27581)
YUV	131.8230, -1.3917, 26.4652
Hunter-Lab	46.8770, 13.9550, 2.8783

Details

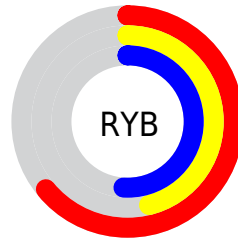
The CIELCh color **54, 19.528, 1.279** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **63, 17.838, 175.685**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 19.938, 0.756**, and **34, 19.507, 0.614** is the 20% darker color. If you saturate the color by 10%, you get **50, 26.938, 2.746**, and if you desaturate by 10%, it is **58, 12.265, 0.046**.

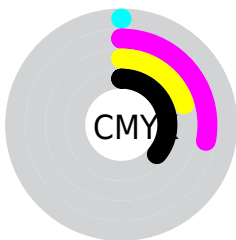
Distribution



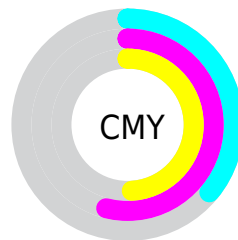
- Red (64%)
- Green (46%)
- Blue (51%)



- Red (64%)
- Yellow (46%)
- Blue (51%)



- Cyan (0%)
- Magenta (28%)
- Yellow (20%)
- Black (36%)



- Cyan (36%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 19.528, 1.279 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, 19.528, 1.279 by changing the saturation by 10% instead.

■ 54, 19.528, 1.279

■ 54, 19.528, 1.279

■ 100, 19.528, 1.279

■ 44, 19.528, 1.279

■ 74, 19.528, 1.279

■ 34, 19.528, 1.279

■ 84, 19.528, 1.279

■ 24, 19.528, 1.279

■ 94, 19.528, 1.279

■ 14, 19.528, 1.279

■ 4, 19.528, 1.279

■ 0, 19.528, 1.279

■ 54, 19.528, 1.279

■ 54, 19.528, 1.279

■ 50, 26.938, 2.746

■ 58, 12.265, 0.046

■ 46, 34.336, 4.521

■ 63, 5.254, 358.955

42, 41.478, 6.718

68, 1.459, 178.412

39, 48.064, 9.476

72, 7.857, 177.378

37, 53.798, 12.956

77, 13.945,
176.642

35, 58.508, 17.286

82, 19.740,
175.992

34, 62.386, 22.347

34, 63.282, 23.434

87, 25.263,
175.405

91, 30.537,
174.872

94, 31.838,
179.288

Harmonies

Complementary

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



54, 19.528, 1.279



63, 17.838, 175.685

Rectangle

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



54, 19.528, 1.279



54, 19.528, 51.279



54, 19.528, 181.279



54, 19.528, 231.279

Sweetspot

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



54, 19.526, 1.282



80, 6.722, 358.995



54, 28.711, 317.949



42, 4.831, 359.150



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, 19.526, 1.282



66, 29.102, 2.106



56, 15.899, 42.656



32, 3.856, 359.114



30, 58.253, 22.860



1, 5.815, 0.135

Inverse Universe

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



54, 19.526, 1.282



66, 29.102, 2.106



60, 13.276, 225.097



32, 3.856, 359.114



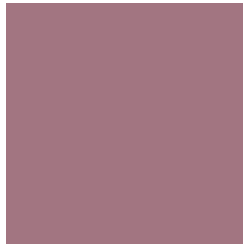
30, 58.253, 22.860



1, 5.815, 0.135

Previews

White Background



This preview shows how the CIELCh color 54, 19.528, 1.279 looks on a white background.

Color Contrast Check

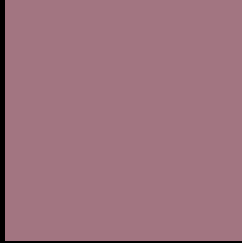
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.528, 1.279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

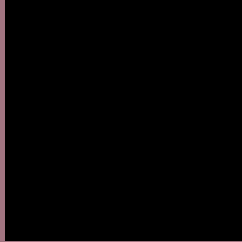
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 19.528, 1.279

Background



This preview shows how black text looks on a background with the CIELCh color 54, 19.528, 1.279.



This preview shows how white text looks on a background with the CIELCh color 54, 19.528, 1.279.

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, 19.528, 1.279

Protanopia

54, 4.062, 296.163

Deuteranopia

54, 7.390, 11.261



Tritanopia
54, 19.159, 6.204

Trichromacy



Original Color
54, 19.528, 1.279

Protanomaly
54, 8.206, 346.235

Deuteranomaly
54, 11.887, 3.974

Tritanomaly
54, 19.265, 4.541

Monochromacy



Original Color
54, 19.528, 1.279

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 6.824, 0.508

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 19.528, 1.279 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(162, 117, 129)` looks like.

```
.text, #text, p{  
    color:rgb(162, 117, 129)  
}
```

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(162, 117, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 117, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 19.528, 1.279 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(162, 117, 129) }
```

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

```
.border{ border-color:rgb(162, 117, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 117, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 117, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 117, 129);  
box-shadow:4px 4px 4px 4px rgb(162, 117,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 19.528, 1.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 117, 129) }
```

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

```
.background{ background-color: rgb(162,  
117, 129) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor