

Converting Colors

CIELCh(54, 12.025, 18.436)

Have a look what the booklet for
CIELCh(54, 12.025, 18.436) contains.

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Color

CIELCh(54, 11.988, 17.996)

Conversions

Conversions Part 1

Format	Color
Hex	977A7B
RGB	151, 122, 123
RGB Percent	59%, 48%, 48%
CMY	0.4073, 0.5211, 0.5172
CMYK	0.00, 0.19, 0.19, 0.41
HSL	358°, 12%, 54%
HSV	358°, 19%, 59%
XYZ	23.3445, 21.9746, 21.7907
YIQ	130.7850, 16.9630, 6.4590

Conversions

Conversions Part 2

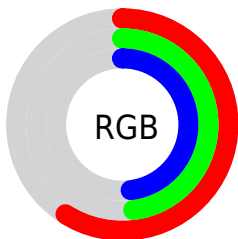
Format	Color
R_{YB}	151, 122, 123
Decimal	9927291
CIE _{Lab}	54.00, 11.40, 3.70
CIE _{LCh}	54, 11.988, 17.996
Yxy	21.9746, 0.3479, 0.3274
Android (android.graphics.Color)	4288117371 (0xFF977A7B)
YUV	130.7850, -3.8380, 17.7286
Hunter-Lab	46.8770, 6.8572, 5.2531

Details

The CIELCh color $54, 11.988, 17.996$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $60, 10.690, 195.419$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 12.341, 17.940$, and $34, 12.301, 18.498$ is the 20% darker color. If you saturate the color by 10%, you get $50, 18.882, 19.094$, and if you desaturate by 10%, it is $58, 5.537, 17.106$.

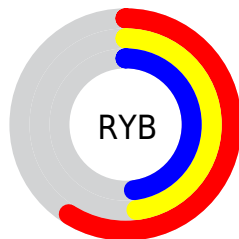
Distribution



Red (59%)

Green (48%)

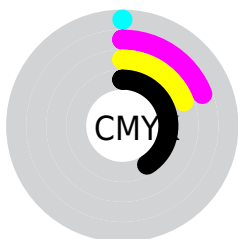
Blue (48%)



Red (59%)

Yellow (48%)

Blue (48%)

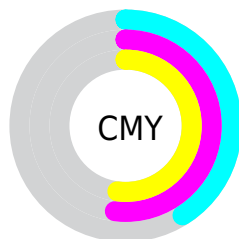


Cyan (0%)

Magenta (19%)

Yellow (19%)

Black (41%)



Cyan (41%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 11.988, 17.996 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, 11.988, 17.996 by changing the saturation by 10% instead.

■ 54, 11.988, 17.996

■ 54, 11.988, 17.996

■ 100, 11.988,
17.996

■ 44, 11.988, 17.996

■ 74, 11.988, 17.996

■ 34, 11.988, 17.996

■ 84, 11.988, 17.996

■ 24, 11.988, 17.996

■ 94, 11.988, 17.996

■ 14, 11.988, 17.996

■ 4, 11.988, 17.996

■ 0, 11.988, 17.996

■ 54, 11.988, 17.996

■ 54, 11.988, 17.996

■ 50, 18.882, 19.094

■ 58, 5.537, 17.106

■ 46, 26.184, 20.476

■ 63, 0.468, 197.451

42, 33.800, 22.244

67, 6.052, 196.017

39, 41.569, 24.511

72, 11.248,
195.524

36, 49.269, 27.371

77, 16.096,
195.129

33, 56.625, 30.836

32, 63.257, 34.662

81, 20.635,
194.799

31, 68.584, 37.886

86, 24.902,
194.518

31, 68.980, 38.085

90, 28.929,
194.277

94, 31.660,
196.966

Harmonies

Complementary

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



54, 11.988, 17.996



60, 10.690, 195.419

Rectangle

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



54, 11.988, 17.996



54, 11.988, 67.996



54, 11.988, 197.996



54, 11.988, 247.996

Sweetspot

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



54, 11.987, 18.003



76, 4.425, 16.838



55, 19.757, 324.053



40, 2.964, 16.891



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



54, 11.987, 18.003



67, 18.054, 18.439



57, 9.951, 67.648



30, 3.439, 17.110



28, 64.968, 37.677



1, 3.602, 16.593

Inverse Universe

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



54, 11.987, 18.003



67, 18.054, 18.439



57, 9.328, 252.358



30, 3.439, 17.110



28, 64.968, 37.677



1, 3.602, 16.593

Previews

White Background



This preview shows how the CIELCh color 54, 11.988, 17.996 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, 11.988, 17.996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

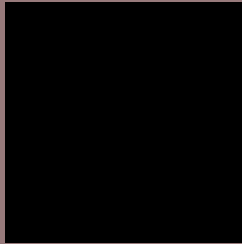
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 11.988, 17.996

Background



This preview shows how black text looks on a background with the CIELCh color 54, 11.988, 17.996.



This preview shows how white text looks on a background with the CIELCh color 54, 11.988, 17.996.

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, 11.988, 17.996

Protanopia

54, 1.649, 63.328

Deuteranopia

54, 7.887, 28.518



Tritanopia
54, 13.556, 358.651

Trichromacy



Original Color
54, 11.988, 17.996

Protanomaly
54, 4.889, 26.564

Deuteranomaly
54, 9.490, 23.842

Tritanomaly
54, 13.103, 5.738

Monochromacy



Original Color
54, 11.988, 17.996

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 4.021, 19.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 11.988, 17.996 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(151, 122, 123)` looks like.

```
.text, #text, p{  
    color:rgb(151, 122, 123)  
}
```

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(151, 122, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 122, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 11.988, 17.996 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(151, 122, 123) }
```

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

```
.border{ border-color:rgb(151, 122, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 122, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 122, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 122, 123);  
box-shadow:4px 4px 4px 4px rgb(151, 122,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 11.988, 17.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 122, 123) }
```

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

```
.background{ background-color: rgb(151,  
122, 123) }
```

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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