

Converting Colors

CIELCh(54, 12.734, 55.882)

Have a look what the booklet for
CIELCh(54, 12.734, 55.882) contains.

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Color

CIELCh(54, 12.734, 55.882)

Conversions

Conversions Part 1

Format	Color
Hex	947C6F
RGB	148, 124, 111
RGB Percent	58%, 49%, 44%
CMY	0.4183, 0.5125, 0.5635
CMYK	0.00, 0.16, 0.25, 0.42
HSL	21°, 15%, 51%
HSV	21°, 25%, 58%
XYZ	22.4048, 21.9746, 18.1883
YIQ	129.6940, 18.4770, 1.0450

Conversions

Conversions Part 2

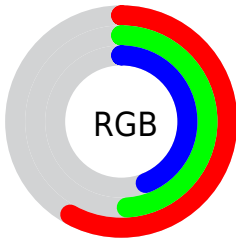
Format	Color
R_{YB}	148, 131, 111
Decimal	9731183
CIE _{Lab}	54.00, 7.14, 10.54
CIE _{LCh}	54, 12.734, 55.882
Yxy	21.9746, 0.3581, 0.3512
Android (android.graphics.Color)	4287921263 (0xFF947C6F)
YUV	129.6940, -9.2161, 16.0544
Hunter-Lab	46.8770, 3.2790, 9.8094

Details

The CIELCh color $54, 12.734, 55.882$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $55, 11.228, 240.722$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 12.770, 56.089$, and $34, 13.002, 55.440$ is the 20% darker color. If you saturate the color by 10%, you get $51, 18.473, 55.171$, and if you desaturate by 10%, it is $57, 7.373, 56.653$.

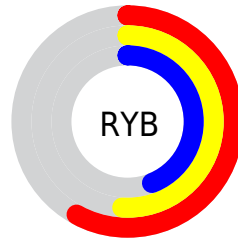
Distribution



Red (58%)

Green (49%)

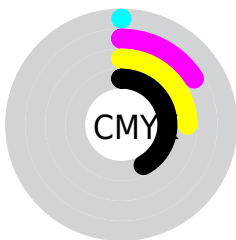
Blue (44%)



Red (58%)

Yellow (51%)

Blue (44%)

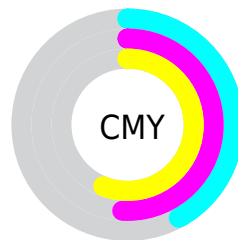


Cyan (0%)

Magenta (16%)

Yellow (25%)

Black (42%)



Cyan (42%)

Magenta (51%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 12.734, 55.882 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, 12.734, 55.882 by changing the saturation by 10% instead.

■ 54, 12.734, 55.882

■ 54, 12.734, 55.882

■ 100, 12.734,
55.882

■ 44, 12.734, 55.882

■ 74, 12.734, 55.882

■ 34, 12.734, 55.882

■ 84, 12.734, 55.882

■ 24, 12.734, 55.882

■ 94, 12.734, 55.882

■ 14, 12.734, 55.882

■ 4, 12.734, 55.882

■ 0, 12.734, 55.882

■ 54, 12.734, 55.882

■ 54, 12.734, 55.882

■ 51, 18.473, 55.171

■ 57, 7.373, 56.653

■ 48, 24.610, 54.513

■ 60, 2.361, 57.364

46, 31.136, 53.929

63, 2.335, 238.533

43, 37.997, 53.405

66, 6.749, 239.280

41, 45.037, 52.886

69, 10.915,
240.112

38, 51.898, 52.215

72, 14.862,
240.948

36, 57.908, 51.088

75, 18.616,
241.773

36, 60.998, 50.780

78, 22.202,
242.580

82, 25.640,
243.365

Harmonies

Complementary

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



54, 12.734, 55.882



55, 11.228, 240.722

Rectangle

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



54, 12.734, 55.882



54, 12.734, 105.882



54, 12.734, 235.882



54, 12.734, 285.882

Sweetspot

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



54, 12.734, 55.891



76, 4.178, 57.232



51, 20.182, 338.206



39, 2.712, 57.198



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, 12.734, 55.891



67, 19.417, 55.477



59, 17.827, 100.553



30, 2.724, 57.088



33, 57.590, 50.986



1, 2.320, 57.933

Inverse Universe

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



55, 11.228, 240.722



69, 16.571, 241.566



50, 18.490, 286.410



30, 2.613, 238.879



36, 33.359, 263.718



1, 2.320, 237.951

Previews

White Background



This preview shows how the CIELCh color 54, 12.734, 55.882 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, 12.734, 55.882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

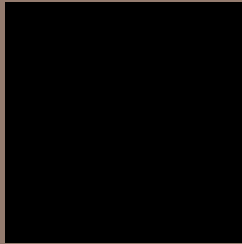
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 12.734, 55.882

Background



This preview shows how black text looks on a background with the CIELCh color 54, 12.734, 55.882.



This preview shows how white text looks on a background with the CIELCh color 54, 12.734, 55.882.

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, 12.734, 55.882

Protanopia

54, 8.953, 92.900

Deuteranopia

54, 12.734, 55.882



Tritanopia
54, 13.382, 355.616

Trichromacy



Original Color
54, 12.734, 55.882

Protanomaly
54, 9.735, 75.039

Deuteranomaly
54, 12.734, 55.882

Tritanomaly
54, 11.572, 15.022

Monochromacy



Original Color
54, 12.734, 55.882

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 4.646, 57.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 12.734, 55.882 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(148, 124, 111)` looks like.

```
.text, #text, p{  
    color:rgb(148, 124, 111)  
}
```

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(148, 124, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 124, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 12.734, 55.882 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(148, 124, 111) }
```

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

```
.border{ border-color:rgb(148, 124, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 124, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 124, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 124, 111);  
box-shadow:4px 4px 4px 4px rgb(148, 124,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 12.734, 55.882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 124, 111) }
```

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

```
.background{ background-color: rgb(148,  
124, 111) }
```

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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