

Converting Colors

CIELCh(54, 13.307, 42.795)

Have a look what the booklet for
CIELCh(54, 13.307, 42.795) contains.

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Color

CIELCh(54, 13.404, 43.069)

Conversions

Conversions Part 1

Format	Color
Hex	987B72
RGB	152, 123, 114
RGB Percent	60%, 48%, 45%
CMY	0.4048, 0.5185, 0.5538
CMYK	0.00, 0.19, 0.25, 0.40
HSL	14°, 16%, 52%
HSV	14°, 25%, 60%
XYZ	22.9864, 21.9746, 18.8851
YIQ	130.6450, 20.1730, 3.3490

Conversions

Conversions Part 2

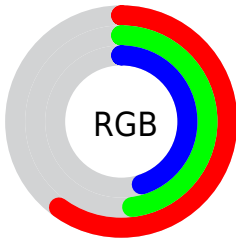
Format	Color
R_{YB}	152, 126, 114
Decimal	9993074
CIE _{Lab}	54.00, 9.79, 9.15
CIE _{LCh}	54, 13.404, 43.069
Yxy	21.9746, 0.3600, 0.3442
Android (android.graphics.Color)	4288183154 (0xFF987B72)
YUV	130.6450, -8.2060, 18.7283
Hunter-Lab	46.8770, 5.4935, 8.9281

Details

The CIELCh color $54, 13.404, 43.069$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $57, 11.436, 225.334$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 13.360, 43.937$, and $34, 13.339, 42.822$ is the 20% darker color. If you saturate the color by 10%, you get $51, 19.529, 42.978$, and if you desaturate by 10%, it is $57, 7.733, 43.282$.

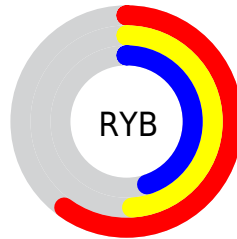
Distribution



Red (60%)

Green (48%)

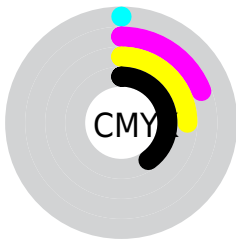
Blue (45%)



Red (60%)

Yellow (49%)

Blue (45%)

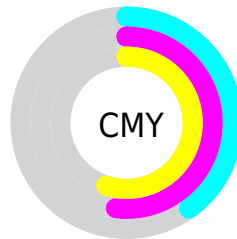


Cyan (0%)

Magenta (19%)

Yellow (25%)

Black (40%)



Cyan (40%)

Magenta (52%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 13.404, 43.069 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, 13.404, 43.069 by changing the saturation by 10% instead.

■ 54, 13.404, 43.069

■ 54, 13.404, 43.069

■ 100, 13.404,
43.069

■ 44, 13.404, 43.069

■ 74, 13.404, 43.069

■ 34, 13.404, 43.069

■ 84, 13.404, 43.069

■ 24, 13.404, 43.069

■ 94, 13.404, 43.069

■ 14, 13.404, 43.069

■ 4, 13.404, 43.069

■ 0, 13.404, 43.069

■ 54, 13.404, 43.069

■ 54, 13.404, 43.069

■ 51, 19.529, 42.978

■ 57, 7.733, 43.282

■ 47, 26.129, 43.020

■ 61, 2.487, 43.481

44, 33.192, 43.232

65, 2.374, 224.224

41, 40.657, 43.623

68, 6.891, 224.537

39, 48.360, 44.154

72, 11.103,
224.979

37, 55.927, 44.667

75, 15.047,
225.456

35, 62.594, 44.792

34, 65.821, 45.113

79, 18.755,
225.947

83, 22.256,
226.445

86, 25.577,
226.942

Harmonies

Complementary

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



54, 13.404, 43.069



57, 11.436, 225.334

Rectangle

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



54, 13.404, 43.069



54, 13.404, 93.069



54, 13.404, 223.069



54, 13.404, 273.069

Sweetspot

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



54, 13.403, 43.078



76, 4.943, 43.442



53, 22.357, 333.325



40, 3.561, 43.412



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, 13.403, 43.078



66, 20.267, 43.007



59, 16.258, 93.102



31, 2.862, 43.419



31, 61.749, 45.106



1, 3.000, 43.357

Inverse Universe

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



57, 11.436, 225.334



72, 16.607, 225.824



52, 16.464, 279.558



31, 2.712, 224.350



42, 28.790, 242.412



2, 2.981, 225.396

Previews

White Background



This preview shows how the CIELCh color 54, 13.404, 43.069 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, 13.404, 43.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

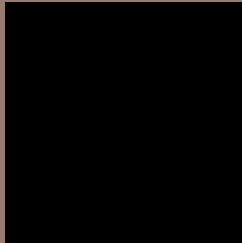
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 13.404, 43.069

Background



This preview shows how black text looks on a background with the CIELCh color 54, 13.404, 43.069.



This preview shows how white text looks on a background with the CIELCh color 54, 13.404, 43.069.

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, 13.404, 43.069

Protanopia

54, 7.180, 92.620

Deuteranopia

54, 11.639, 56.206



Tritanopia
54, 14.901, 358.586

Trichromacy



Original Color
54, 13.404, 43.069

Protanomaly
54, 8.331, 68.816

Deuteranomaly
54, 12.406, 50.719

Tritanomaly
54, 13.294, 13.511

Monochromacy



Original Color
54, 13.404, 43.069

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 4.787, 40.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 13.404, 43.069 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(152, 123, 114)` looks like.

```
.text, #text, p{  
    color:rgb(152, 123, 114)  
}
```

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(152, 123, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 123, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 13.404, 43.069 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(152, 123, 114) }
```

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

```
.border{ border-color:rgb(152, 123, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 123, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 123, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 123, 114);  
box-shadow:4px 4px 4px 4px rgb(152, 123,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 13.404, 43.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 123, 114) }
```

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

```
.background{ background-color: rgb(152,  
123, 114) }
```

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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