

Converting Colors

CIELCh(54, 23.917, 75.493)

Have a look what the booklet for
CIELCh(54, 23.917, 75.493) contains.

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Color

CIELCh(54, 24.158, 74.988)

Conversions

Conversions Part 1

Format	Color
Hex	997C59
RGB	153, 124, 89
RGB Percent	60%, 49%, 35%
CMY	0.3993, 0.5130, 0.6503
CMYK	0.00, 0.19, 0.42, 0.40
HSL	33°, 26%, 48%
HSV	33°, 42%, 60%
XYZ	22.2128, 21.9746, 12.5591
YIQ	128.6810, 28.5190, -4.7370

Conversions

Conversions Part 2

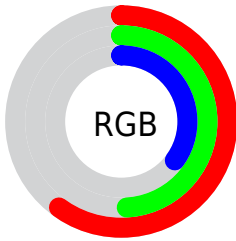
Format	Color
RYB	142, 153, 89
Decimal	10058841
CIELab	54.00, 6.26, 23.33
CIElCh	54, 24.158, 74.988
Yxy	21.9746, 0.3914, 0.3872
Android (android.graphics.Color)	4288248921 (0xFF997C59)
YUV	128.6810, -19.5627, 21.3278
Hunter-Lab	46.8770, 2.5477, 16.9291

Details

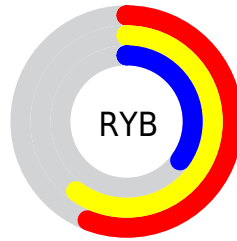
The CIELCh color **54, 24.158, 74.988** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **49, 22.248, 267.493**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 24.341, 74.165**, and **34, 23.864, 74.652** is the 20% darker color. If you saturate the color by 10%, you get **52, 30.459, 73.654**, and if you desaturate by 10%, it is **56, 18.037, 76.304**.

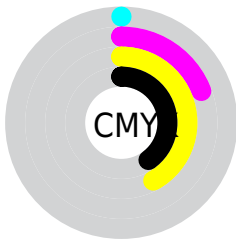
Distribution



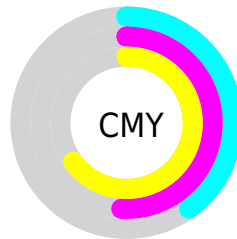
- Red (60%)
- Green (49%)
- Blue (35%)



- Red (56%)
- Yellow (60%)
- Blue (35%)



- Cyan (0%)
- Magenta (19%)
- Yellow (42%)
- Black (40%)



- Cyan (40%)
- Magenta (51%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 24.158, 74.988 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, 24.158, 74.988 by changing the saturation by 10% instead.

■ 54, 24.158, 74.988

■ 54, 24.158, 74.988

■ 100, 24.158,
74.988

■ 44, 24.158, 74.988

■ 74, 24.158, 74.988

■ 34, 24.158, 74.988

■ 84, 24.158, 74.988

■ 24, 24.158, 74.988

■ 94, 24.158, 74.988

■ 14, 24.158, 74.988

■ 4, 24.158, 74.988

■ 0, 24.158, 74.988

■ 54, 24.158, 74.988

■ 54, 24.158, 74.988

■ 52, 30.459, 73.654

■ 56, 18.037, 76.304

■ 50, 36.855, 72.268

■ 58, 12.128, 77.587

48, 43.162, 70.788

61, 6.437, 78.830

46, 49.025, 69.108

63, 0.955, 79.820

44, 53.847, 67.024

65, 4.334, 261.362

43, 57.190, 65.164

68, 9.448, 262.482

70, 14.402,
263.582

72, 19.216,
264.640

75, 23.903,
265.653

Harmonies

Complementary

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



54, 24.158, 74.988



49, 22.248, 267.493

Rectangle

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



54, 24.158, 74.988



54, 24.158, 124.988



54, 24.158, 254.988



54, 24.158, 304.988

Sweetspot

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



54, 24.158, 74.993



77, 8.805, 78.652



46, 30.937, 349.754



40, 6.170, 78.399



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, 24.158, 74.993



67, 36.331, 73.763



62, 34.990, 107.786



31, 3.067, 79.138



39, 53.569, 65.469



2, 3.247, 79.386

Inverse Universe

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



49, 22.248, 267.493



59, 32.851, 269.827



41, 38.902, 296.661



31, 3.024, 261.569



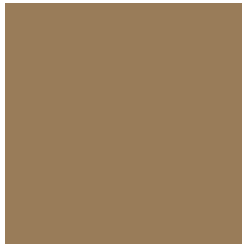
28, 49.592, 287.309



1, 3.294, 261.085

Previews

White Background



This preview shows how the CIELCh color 54, 24.158, 74.988 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, 24.158, 74.988 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, 24.158, 74.988

Background



This preview shows how black text looks on a background with the CIELCh color 54, 24.158, 74.988.



This preview shows how white text looks on a background with the CIELCh color 54, 24.158, 74.988.

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, 24.158, 74.988

Protanopia

54, 22.124, 95.945

Deuteranopia

54, 24.422, 74.113



Tritanopia
54, 16.312, 2.981

Trichromacy



Original Color
54, 24.158, 74.988

Protanomaly
54, 22.530, 87.888

Deuteranomaly
54, 24.422, 74.113

Tritanomaly
54, 15.481, 35.836

Monochromacy



Original Color
54, 24.158, 74.988

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 8.285, 75.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 24.158, 74.988 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(153, 124, 89)` looks like.

```
.text, #text, p{  
    color:rgb(153, 124, 89)  
}
```

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(153, 124, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 124, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 24.158, 74.988 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(153, 124, 89) }
```

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

```
.border{ border-color:rgb(153, 124, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 124, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 124, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 124, 89);  
box-shadow:4px 4px 4px 4px rgb(153, 124,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 24.158, 74.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 124, 89) }
```

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

```
.background{ background-color: rgb(153,  
124, 89) }
```

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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