

Converting Colors

CIELCh(54, 50.569, 95.227)

Have a look what the booklet for
CIELCh(54, 50.569, 95.227) contains.

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Color

CIELCh(54, 50.569, 95.227)

Conversions

Conversions Part 1

Format	Color
Hex	918122
RGB	145, 129, 34
RGB Percent	57%, 51%, 13%
CMY	0.4298, 0.4926, 0.8650
CMYK	0.00, 0.11, 0.76, 0.43
HSL	51°, 62%, 35%
HSV	51°, 76%, 57%
XYZ	19.9440, 21.9746, 4.7349
YIQ	122.9540, 40.0310, -26.1530

Conversions

Conversions Part 2

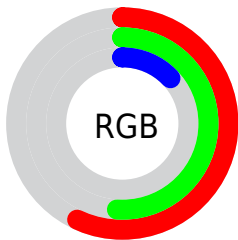
Format	Color
RYB	53, 145, 34
Decimal	9535778
CIELab	54.00, -4.61, 50.36
CIELCh	54, 50.569, 95.227
Yxy	21.9746, 0.4275, 0.4710
Android (android.graphics.Color)	4287725858 (0xFF918122)
YUV	122.9540, -43.8543, 19.3343
Hunter-Lab	46.8770, -6.0914, 26.8252

Details

The CIELCh color **54, 50.569, 95.227** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **26, 61.213, 297.852**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 50.806, 95.354**, and **34, 42.217, 95.032** is the 20% darker color. If you saturate the color by 10%, you get **53, 54.621, 94.178**, and if you desaturate by 10%, it is **55, 45.263, 96.300**.

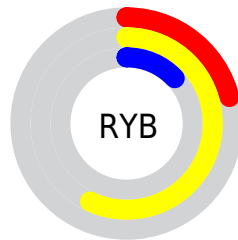
Distribution



Red (57%)

Green (51%)

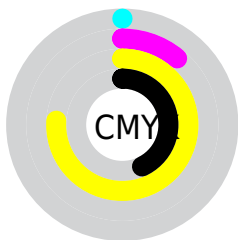
Blue (13%)



Red (21%)

Yellow (57%)

Blue (13%)

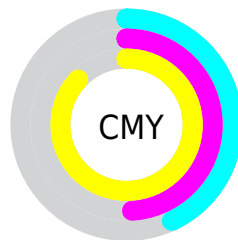


Cyan (0%)

Magenta (11%)

Yellow (76%)

Black (43%)



Cyan (43%)

Magenta (49%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 50.569, 95.227 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, 50.569, 95.227 by changing the saturation by 10% instead.

 54, 50.569, 95.227

 54, 50.569, 95.227

 100, 50.569,
95.227

 44, 50.569, 95.227

 74, 50.569, 95.227

 34, 50.569, 95.227

 84, 50.569, 95.227

 24, 50.569, 95.227

 94, 50.569, 95.227

 14, 50.569, 95.227

 4, 50.569, 95.227

 0, 50.569, 95.227

 54, 50.569, 95.227

 54, 50.569, 95.227

 53, 54.621, 94.178

 55, 45.263, 96.300

 53, 57.115, 93.129

 55, 39.136, 97.392

■ 52, 57.937, 92.752

■ 56, 32.519, 98.499

■ 57, 25.631, 99.612

■ 58, 18.609,
100.719

■ 59, 11.536,
101.809

■ 60, 4.461, 102.864

■ 61, 2.587, 283.964

■ 62, 9.593, 284.937

Harmonies

Complementary

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



54, 50.569, 95.227



26, 61.213, 297.852

Rectangle

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



54, 50.569, 95.227



54, 50.569, 145.227



54, 50.569, 275.227



54, 50.569, 325.227

Sweetspot

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



54, 50.569, 95.230



74, 20.104, 101.033



33, 50.101, 21.413



38, 13.869, 100.676



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



54, 50.569, 95.230



67, 68.580, 93.383



56, 59.104, 120.580



31, 4.039, 102.566



50, 55.707, 92.807



2, 3.537, 103.545

Inverse Universe

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



26, 61.213, 297.852



28, 91.906, 302.385



26, 69.752, 308.818



29, 4.098, 284.584



17, 76.702, 303.501



0, 3.538, 283.548

Previews

White Background



This preview shows how the CIELCh color 54, 50.569, 95.227 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, 50.569, 95.227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

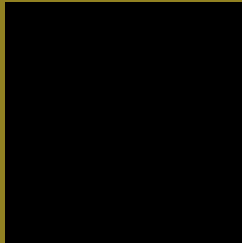
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 50.569, 95.227

Background



This preview shows how black text looks on a background with the CIELCh color 54, 50.569, 95.227.



This preview shows how white text looks on a background with the CIELCh color 54, 50.569, 95.227.

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, 50.569, 95.227

Protanopia

54, 50.886, 95.820

Deuteranopia

54, 50.416, 82.351



Tritanopia
54, 13.937, 359.356

Trichromacy



Original Color
54, 50.569, 95.227

Protanomaly
54, 50.886, 95.820

Deuteranomaly
54, 50.092, 86.808

Tritanomaly
54, 20.422, 73.735

Monochromacy



Original Color
54, 50.569, 95.227

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 19.698, 99.972

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 50.569, 95.227 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(145, 129, 34)` looks like.

```
.text, #text, p{  
    color:rgb(145, 129, 34)  
}
```

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(145, 129, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 129, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 50.569, 95.227 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(145, 129, 34) }
```

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

```
.border{ border-color:rgb(145, 129, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 129, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 129, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 129, 34);  
box-shadow:4px 4px 4px 4px rgb(145, 129,  
34) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 50.569, 95.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 129, 34) }
```

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

```
.background{ background-color: rgb(145,  
129, 34) }
```

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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