

Converting Colors

CIELCh(54, 44.230, 95.533)

Have a look what the booklet for
CIELCh(54, 44.230, 95.533) contains.

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Color

CIELCh(54, 44.246, 95.487)

Conversions

Conversions Part 1

Format	Color
Hex	908131
RGB	144, 129, 49
RGB Percent	56%, 51%, 19%
CMY	0.4339, 0.4928, 0.8066
CMYK	0.00, 0.10, 0.66, 0.43
HSL	51°, 49%, 38%
HSV	51°, 66%, 57%
XYZ	20.0198, 21.9746, 6.1284
YIQ	124.3650, 34.6200, -21.7000

Conversions

Conversions Part 2

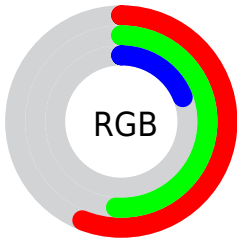
Format	Color
RYB	67, 144, 49
Decimal	9470257
CIELab	54.00, -4.23, 44.04
CIELCh	54, 44.246, 95.487
Yxy	21.9746, 0.4160, 0.4566
Android (android.graphics.Color)	4287660337 (0xFF908131)
YUV	124.3650, -37.1549, 17.2199
Hunter-Lab	46.8770, -5.8026, 25.0628

Details

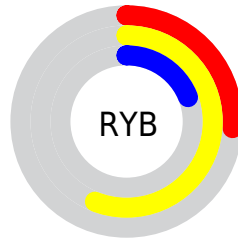
The CIELCh color **54, 44.246, 95.487** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **30, 50.740, 294.436**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 44.453, 95.815**, and **34, 42.142, 95.736** is the 20% darker color. If you saturate the color by 10%, you get **53, 49.569, 94.376**, and if you desaturate by 10%, it is **55, 38.151, 96.615**.

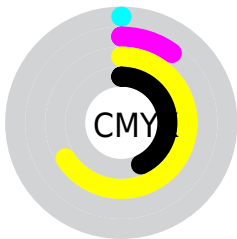
Distribution



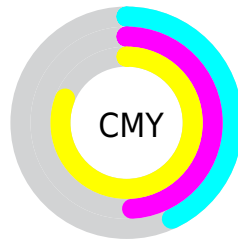
- Red (56%)
- Green (51%)
- Blue (19%)



- Red (26%)
- Yellow (56%)
- Blue (19%)



- Cyan (0%)
- Magenta (10%)
- Yellow (66%)
- Black (43%)



- Cyan (43%)
- Magenta (49%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 44.246, 95.487 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, 44.246, 95.487 by changing the saturation by 10% instead.

 54, 44.246, 95.487

 54, 44.246, 95.487

 100, 44.246,
95.487

 44, 44.246, 95.487

 74, 44.246, 95.487

 34, 44.246, 95.487

 84, 44.246, 95.487

 24, 44.246, 95.487

 94, 44.246, 95.487

 14, 44.246, 95.487

 4, 44.246, 95.487

 0, 44.246, 95.487

 54, 44.246, 95.487

 54, 44.246, 95.487

 53, 49.569, 94.376

 55, 38.151, 96.615

 53, 53.689, 93.266

 56, 31.602, 97.748

■ 52, 56.256, 92.136

■ 56, 24.810, 98.881

■ 52, 57.202, 91.673

■ 57, 17.903,
100.004

■ 58, 10.958,
101.106

■ 59, 4.022, 102.169

■ 60, 2.882, 283.280

■ 61, 9.737, 284.263

■ 63, 16.537,
285.227

Harmonies

Complementary

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



54, 44.246, 95.487



30, 50.740, 294.436

Rectangle

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



54, 44.246, 95.487



54, 44.246, 145.487



54, 44.246, 275.487



54, 44.246, 325.487

Sweetspot

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



54, 44.246, 95.490



74, 17.241, 100.603



35, 43.079, 16.492



38, 11.728, 100.327



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, 44.246, 95.490



68, 63.044, 93.838



56, 52.224, 119.918



30, 3.867, 101.822



48, 54.554, 91.749



2, 2.614, 102.808

Inverse Universe

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



30, 50.740, 294.436



33, 77.434, 298.461



29, 60.239, 307.730



28, 3.920, 283.852



17, 74.604, 303.082



0, 2.615, 282.811

Previews

White Background



This preview shows how the CIELCh color 54, 44.246, 95.487 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, 44.246, 95.487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

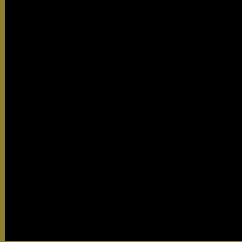
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 44.246, 95.487

Background



This preview shows how black text looks on a background with the CIELCh color 54, 44.246, 95.487.



This preview shows how white text looks on a background with the CIELCh color 54, 44.246, 95.487.

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, 44.246, 95.487

Protanopia

54, 44.246, 95.487

Deuteranopia

54, 44.332, 80.932



Tritanopia
54, 13.382, 355.616

Trichromacy



Original Color
54, 44.246, 95.487

Protanomaly
54, 44.246, 95.487

Deuteranomaly
54, 44.034, 85.990

Tritanomaly
54, 17.284, 69.333

Monochromacy



Original Color
54, 44.246, 95.487

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 17.337, 100.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 44.246, 95.487 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(144, 129, 49)` looks like.

```
.text, #text, p{  
    color:rgb(144, 129, 49)  
}
```

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(144, 129, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 129, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 44.246, 95.487 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(144, 129, 49) }
```

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

```
.border{ border-color:rgb(144, 129, 49) }
```

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

Here you see how a box with a 4 pixel rgb(144, 129, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 129, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 129, 49);  
box-shadow:4px 4px 4px 4px rgb(144, 129,  
49) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 44.246, 95.487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 129, 49) }
```

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

```
.background{ background-color: rgb(144,  
129, 49) }
```

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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