

Converting Colors

CIELCh(54, 50.856, 95.771)

Have a look what the booklet for
CIELCh(54, 50.856, 95.771) contains.

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Color

CIELCh(54, 50.886, 95.820)

Conversions

Conversions Part 1

Format	Color
Hex	918222
RGB	145, 130, 34
RGB Percent	57%, 51%, 13%
CMY	0.4328, 0.4915, 0.8681
CMYK	0.00, 0.10, 0.77, 0.43
HSL	52°, 62%, 35%
HSV	52°, 77%, 57%
XYZ	19.8328, 21.9746, 4.6816
YIQ	123.5410, 39.7560, -26.6760

Conversions

Conversions Part 2

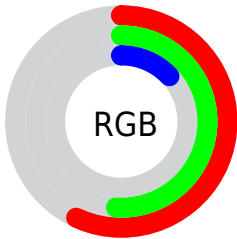
Format	Color
RYB	51, 145, 34
Decimal	9536034
CIELab	54.00, -5.16, 50.62
CIELCh	54, 50.886, 95.820
Yxy	21.9746, 0.4266, 0.4727
Android (android.graphics.Color)	4287726114 (0xFF918222)
YUV	123.5410, -44.1437, 18.8195
Hunter-Lab	46.8770, -6.5147, 26.8927

Details

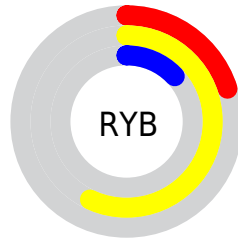
The CIELCh color **54, 50.886, 95.820** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **25, 62.030, 298.342**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 51.157, 95.905**, and **34, 42.492, 95.811** is the 20% darker color. If you saturate the color by 10%, you get **53, 54.859, 94.815**, and if you desaturate by 10%, it is **55, 45.636, 96.860**.

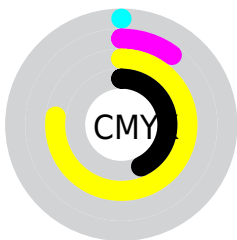
Distribution



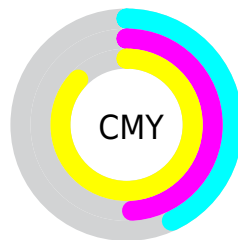
- Red (57%)
- Green (51%)
- Blue (13%)



- Red (20%)
- Yellow (57%)
- Blue (13%)



- Cyan (0%)
- Magenta (10%)
- Yellow (77%)
- Black (43%)



- Cyan (43%)
- Magenta (49%)
- Yellow (87%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 50.886, 95.820 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, 50.886, 95.820 by changing the saturation by 10% instead.

 54, 50.886, 95.820

 54, 50.886, 95.820

 100, 50.886,
95.820

 44, 50.886, 95.820

 74, 50.886, 95.820

 34, 50.886, 95.820

 84, 50.886, 95.820

 24, 50.886, 95.820

 94, 50.886, 95.820

 14, 50.886, 95.820

 4, 50.886, 95.820

 0, 50.886, 95.820

 54, 50.886, 95.820

 54, 50.886, 95.820

 53, 54.859, 94.815

 55, 45.636, 96.860

 53, 57.301, 93.823

 55, 39.541, 97.927

53, 58.030, 93.508

56, 32.933, 99.015

57, 26.037,
100.113

58, 18.995,
101.207

59, 11.892,
102.287

59, 4.780, 103.335

60, 2.311, 284.428

61, 9.363, 285.392

Harmonies

Complementary

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



54, 50.886, 95.820



25, 62.030, 298.342

Rectangle

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



54, 50.886, 95.820



54, 50.886, 145.820



54, 50.886, 275.820



54, 50.886, 325.820

Sweetspot

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



54, 50.886, 95.823



74, 20.296, 101.561



33, 50.129, 21.559



38, 14.000, 101.208



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, 50.886, 95.823



68, 68.977, 94.099



55, 59.076, 120.585



30, 3.962, 103.086



49, 55.266, 93.573



2, 2.680, 104.052

Inverse Universe

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



25, 62.030, 298.342



27, 92.808, 302.678



25, 69.785, 308.837



28, 4.022, 285.076



16, 76.215, 303.711



0, 2.681, 284.055

Previews

White Background



This preview shows how the CIELCh color 54, 50.886, 95.820 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, 50.886, 95.820 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, 50.886, 95.820

Background



This preview shows how black text looks on a background with the CIELCh color 54, 50.886, 95.820.



This preview shows how white text looks on a background with the CIELCh color 54, 50.886, 95.820.

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, 50.886, 95.820

Protanopia

54, 50.569, 95.227

Deuteranopia

54, 50.416, 95.351



Tritanopia
54, 13.556, 358.651

Trichromacy



Original Color
54, 50.886, 95.820

Protanomaly
54, 50.569, 95.227

Deuteranomaly
54, 50.092, 86.808

Tritanomaly
54, 20.159, 74.765

Monochromacy



Original Color
54, 50.886, 95.820

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, 50.886, 95.820 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, 130, 34)` looks like.

```
.text, #text, p{  
    color:rgb(145, 130, 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, 130, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 130, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 50.886, 95.820 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, 130, 34) }
```

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

```
.border{ border-color:rgb(145, 130, 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, 130, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 130, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 130, 34);  
box-shadow:4px 4px 4px 4px rgb(145, 130,  
34) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 50.886, 95.820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 130, 34) }
```

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

```
.background{ background-color: rgb(145,  
130, 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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