

Converting Colors

CIELCh(54, 42.776, 96.010)

Have a look what the booklet for
CIELCh(54, 42.776, 96.010) contains.

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Color

CIELCh(54, 43.222, 96.084)

Conversions

Conversions Part 1

Format	Color
Hex	908234
RGB	144, 130, 52
RGB Percent	56%, 51%, 20%
CMY	0.4372, 0.4920, 0.7978
CMYK	0.00, 0.10, 0.64, 0.44
HSL	51°, 47%, 38%
HSV	51°, 64%, 56%
XYZ	19.9492, 21.9746, 6.3873
YIQ	125.2940, 33.3820, -21.2900

Conversions

Conversions Part 2

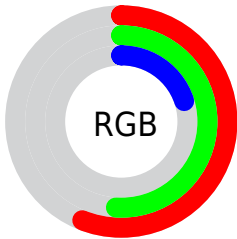
Format	Color
RYB	69, 144, 52
Decimal	9470516
CIELab	54.00, -4.58, 42.98
CIELCh	54, 43.222, 96.084
Yxy	21.9746, 0.4129, 0.4549
Android (android.graphics.Color)	4287660596 (0xFF908234)
YUV	125.2940, -36.1339, 16.4052
Hunter-Lab	46.8770, -6.0715, 24.7352

Details

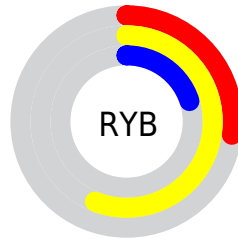
The CIELCh color **54, 43.222, 96.084** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **31, 49.386, 294.260**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 43.359, 96.295**, and **34, 42.492, 95.811** is the 20% darker color. If you saturate the color by 10%, you get **53, 48.691, 94.990**, and if you desaturate by 10%, it is **55, 37.041, 97.199**.

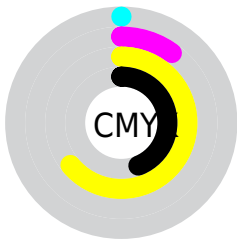
Distribution



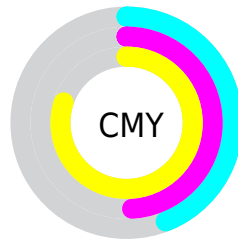
- Red (56%)
- Green (51%)
- Blue (20%)



- Red (27%)
- Yellow (56%)
- Blue (20%)



- Cyan (0%)
- Magenta (10%)
- Yellow (64%)
- Black (44%)



- Cyan (44%)
- Magenta (49%)
- Yellow (80%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 43.222, 96.084 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, 43.222, 96.084 by changing the saturation by 10% instead.

 54, 43.222, 96.084

 54, 43.222, 96.084

 100, 43.222,
96.084

 44, 43.222, 96.084

 74, 43.222, 96.084

 34, 43.222, 96.084

 84, 43.222, 96.084

 24, 43.222, 96.084

 94, 43.222, 96.084

 14, 43.222, 96.084

 4, 43.222, 96.084

 0, 43.222, 96.084

 54, 43.222, 96.084

 54, 43.222, 96.084

 53, 48.691, 94.990

 55, 37.041, 97.199

 53, 53.037, 93.907

 56, 30.444, 98.321

■ 52, 55.830, 92.816

■ 56, 23.627, 99.443

■ 52, 57.154, 92.178

■ 57, 16.706,
100.555

■ 58, 9.753, 101.645

■ 59, 2.810, 102.688

■ 60, 4.099, 283.784

■ 61, 10.961,
284.766

■ 62, 17.767,
285.719

Harmonies

Complementary

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



54, 43.222, 96.084



31, 49.386, 294.260

Rectangle

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



54, 43.222, 96.084



54, 43.222, 146.084



54, 43.222, 276.084



54, 43.222, 326.084

Sweetspot

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



54, 43.222, 96.087



73, 16.298, 101.068



35, 41.743, 15.955



38, 11.308, 100.785



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, 43.222, 96.087



68, 61.564, 94.498



56, 50.820, 119.954



30, 3.892, 102.166



49, 54.738, 92.244



2, 2.632, 103.147

Inverse Universe

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



31, 49.386, 294.260



34, 75.042, 298.137



30, 58.336, 307.593



28, 3.947, 284.186



17, 75.049, 303.258



0, 2.632, 283.150

Previews

White Background



This preview shows how the CIELCh color 54, 43.222, 96.084 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, 43.222, 96.084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

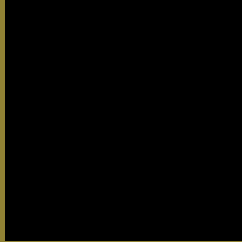
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 43.222, 96.084

Background



This preview shows how black text looks on a background with the CIELCh color 54, 43.222, 96.084.



This preview shows how white text looks on a background with the CIELCh color 54, 43.222, 96.084.

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, 43.222, 96.084

Protanopia

54, 42.862, 95.389

Deuteranopia

54, 42.748, 80.948



Tritanopia
54, 13.014, 354.782

Trichromacy



Original Color
54, 43.222, 96.084

Protanomaly
54, 42.862, 95.389

Deuteranomaly
54, 42.479, 86.194

Tritanomaly
54, 16.530, 69.373

Monochromacy



Original Color
54, 43.222, 96.084

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 16.773, 100.660

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 43.222, 96.084 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, 130, 52)` looks like.

```
.text, #text, p{  
    color:rgb(144, 130, 52)  
}
```

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, 130, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 130, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 43.222, 96.084 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, 130, 52) }
```

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

```
.border{ border-color:rgb(144, 130, 52) }
```

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

Here you see how a box with a 4 pixel rgb(144, 130, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 130, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 130, 52);  
box-shadow:4px 4px 4px 4px rgb(144, 130,  
52) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 43.222, 96.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 130, 52) }
```

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

```
.background{ background-color: rgb(144,  
130, 52) }
```

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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