

Converting Colors

CIELCh(55, 43.909, 102.372)

Have a look what the booklet for
CIELCh(55, 43.909, 102.372)
contains.

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Color

CIELCh(55, 44.001, 102.379)

Conversions

Conversions Part 1

Format	Color
Hex	8B8736
RGB	139, 135, 54
RGB Percent	55%, 53%, 21%
CMY	0.4566, 0.4722, 0.7898
CMYK	0.00, 0.03, 0.61, 0.46
HSL	57°, 44%, 38%
HSV	57°, 61%, 54%
XYZ	19.8403, 22.9298, 6.8221
YIQ	126.9620, 28.3850, -24.3430

Conversions

Conversions Part 2

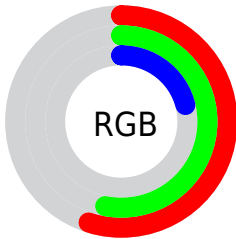
Format	Color
RYB	58, 139, 54
Decimal	9144118
CIELab	55.00, -9.43, 42.98
CIELCh	55, 44.001, 102.379
Yxy	22.9298, 0.4001, 0.4624
Android (android.graphics.Color)	4287334198 (0xFF8B8736)
YUV	126.9620, -35.9703, 10.5573
Hunter-Lab	47.8851, -9.8407, 25.0726

Details

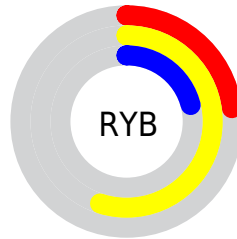
The CIELCh color **55, 44.001, 102.379** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **28, 51.820, 297.854**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 44.108, 102.072**, and **35, 43.916, 102.852** is the 20% darker color. If you saturate the color by 10%, you get **55, 49.749, 101.572**, and if you desaturate by 10%, it is **55, 37.517, 103.271**.

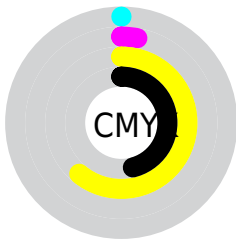
Distribution



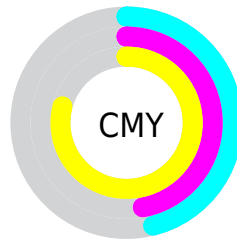
- Red (55%)
- Green (53%)
- Blue (21%)



- Red (23%)
- Yellow (55%)
- Blue (21%)



- Cyan (0%)
- Magenta (3%)
- Yellow (61%)
- Black (46%)





- Cyan (46%)
- Magenta (47%)
- Yellow (79%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 44.001, 102.379 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 55, 44.001, 102.379 by changing the saturation by 10% instead.


 55, 44.001,
102.379

 55, 44.001,
102.379


 100, 44.001,
102.379


 45, 44.001,
102.379


 75, 44.001,
102.379

 35, 44.001,
102.379

 85, 44.001,
102.379

 25, 44.001,
102.379

 95, 44.001,
102.379

 15, 44.001,
102.379

 5, 44.001, 102.379

 0, 44.001, 102.379

■ 55, 44.001,
102.379

■ 55, 44.001,
102.379

■ 55, 49.749,
101.572

■ 55, 37.517,
103.271

■ 54, 54.407,
100.871

■ 56, 30.568,
104.213

■ 54, 57.611,
100.300

■ 56, 23.338,
105.185

■ 54, 59.545, 99.880

■ 57, 15.950,
106.168

■ 57, 8.480, 107.146

■ 58, 0.978, 108.055

■ 58, 6.526, 289.072

■ 59, 14.010,
289.979

■ 59, 21.461,
290.854

Harmonies

Complementary

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



55, 44.001, 102.379



28, 51.820, 297.854

Rectangle

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



55, 44.001, 102.379



55, 44.001, 152.379



55, 44.001, 282.379



55, 44.001, 332.379

Sweetspot

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



55, 44.002, 102.382



73, 16.769, 106.455



35, 39.991, 23.826



38, 11.737, 106.197



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



55, 44.002, 102.382



70, 63.188, 101.254



53, 48.977, 124.634



29, 4.208, 107.355



52, 57.681, 99.893



1, 1.960, 108.243

Inverse Universe

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



28, 51.820, 297.854



31, 79.265, 301.141



31, 54.242, 310.610



27, 4.289, 289.191



14, 79.897, 305.453



0, 1.961, 288.245

Previews

White Background



This preview shows how the CIELCh color 55, 44.001, 102.379 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 55, 44.001, 102.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

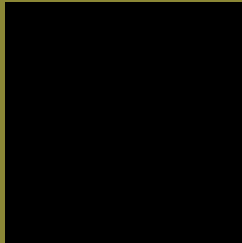
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 44.001, 102.379

Background



This preview shows how black text looks on a background with the CIELCh color 55, 44.001, 102.379.



This preview shows how white text looks on a background with the CIELCh color 55, 44.001, 102.379.

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

55, 44.001, 102.379

Protanopia

55, 43.731, 95.593

Deuteranopia

55, 42.885, 80.502



Tritanopia
55, 9.811, 344.753

Trichromacy



Original Color
55, 44.001, 102.379

Protanomaly
55, 43.876, 98.080

Deuteranomaly
55, 42.356, 88.283

Tritanomaly
55, 14.498, 84.092

Monochromacy



Original Color
55, 44.001, 102.379

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 17.141, 106.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 44.001, 102.379 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(139, 135, 54)` looks like.

```
.text, #text, p{  
    color:rgb(139, 135, 54)  
}
```

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(139, 135, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 135, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 44.001, 102.379 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(139, 135, 54) }
```

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

```
.border{ border-color:rgb(139, 135, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 135, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 135, 54); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 135, 54); box-shadow:4px 4px 4px 4px rgb(139, 135, 54) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 44.001, 102.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 135, 54) }
```

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

```
.background{ background-color: rgb(139,  
135, 54) }
```

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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