

Converting Colors

CIELCh(55, 50.523, 97.218)

Have a look what the booklet for
CIELCh(55, 50.523, 97.218) contains.

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Color

CIELCh(55, 50.369, 97.553)

Conversions

Conversions Part 1

Format	Color
Hex	918526
RGB	145, 133, 38
RGB Percent	57%, 52%, 15%
CMY	0.4314, 0.4785, 0.8510
CMYK	0.00, 0.08, 0.74, 0.43
HSL	53°, 58%, 36%
HSV	53°, 74%, 57%
XYZ	20.4100, 22.9298, 5.1827
YIQ	125.7580, 37.6470, -27.0010

Conversions

Conversions Part 2

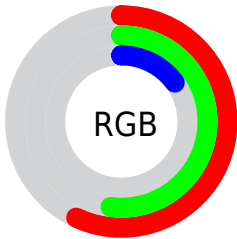
Format	Color
R _Y B	52, 145, 38
Decimal	9536806
CIE Lab	55.00, -6.62, 49.93
CIE LCh	55, 50.369, 97.553
Yxy	22.9298, 0.4206, 0.4726
Android (android.graphics.Color)	4287726886 (0xFF918526)
YUV	125.7580, -43.2647, 16.8752
Hunter-Lab	47.8851, -7.7170, 27.1025

Details

The CIELCh color **55, 50.369, 97.553** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **26, 61.195, 298.470**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 50.385, 97.430**, and **35, 43.367, 98.067** is the 20% darker color. If you saturate the color by 10%, you get **54, 54.771, 96.632**, and if you desaturate by 10%, it is **56, 44.791, 98.534**.

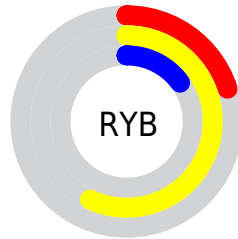
Distribution



Red (57%)

Green (52%)

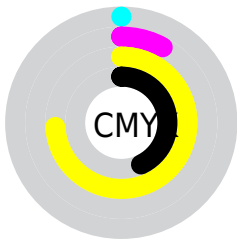
Blue (15%)



Red (20%)

Yellow (57%)

Blue (15%)

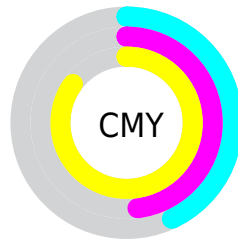


Cyan (0%)

Magenta (8%)

Yellow (74%)

Black (43%)



Cyan (43%)

Magenta (48%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 50.369, 97.553 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, 50.369, 97.553 by changing the saturation by 10% instead.

 55, 50.369, 97.553

 55, 50.369, 97.553

 100, 50.369,
97.553

 45, 50.369, 97.553

 75, 50.369, 97.553

 35, 50.369, 97.553

 85, 50.369, 97.553

 25, 50.369, 97.553

 95, 50.369, 97.553

 15, 50.369, 97.553

 5, 50.369, 97.553

 0, 50.369, 97.553

 55, 50.369, 97.553

 55, 50.369, 97.553

 54, 54.771, 96.632

 56, 44.791, 98.534

 54, 57.588, 95.760

 56, 38.441, 99.557

■ 54, 58.930, 95.239

■ 57, 31.624,
100.608

■ 58, 24.542,
101.673

■ 58, 17.323,
102.736

■ 59, 10.045,
103.786

■ 60, 2.757, 104.794

■ 61, 4.513, 285.849

■ 62, 11.748,
286.805

Harmonies

Complementary

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



55, 50.369, 97.553



26, 61.195, 298.470

Rectangle

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



55, 50.369, 97.553



55, 50.369, 147.553



55, 50.369, 277.553



55, 50.369, 327.553

Sweetspot

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



55, 50.369, 97.556



74, 19.857, 102.878



33, 49.048, 22.970



39, 13.295, 102.628



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



55, 50.369, 97.556



69, 69.151, 96.012



55, 58.043, 121.926



30, 4.057, 104.262



50, 56.020, 95.292



2, 2.746, 105.208

Inverse Universe

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



26, 61.195, 298.470



28, 92.107, 302.667



27, 67.327, 309.477



28, 4.123, 286.214



16, 77.650, 304.253



0, 2.746, 285.211

Previews

White Background



This preview shows how the CIELCh color 55, 50.369, 97.553 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 55, 50.369, 97.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

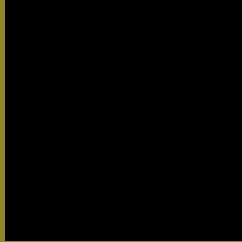
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 50.369, 97.553

Background



This preview shows how black text looks on a background with the CIELCh color 55, 50.369, 97.553.



This preview shows how white text looks on a background with the CIELCh color 55, 50.369, 97.553.

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, 50.369, 97.553

Protanopia

55, 50.253, 95.363

Deuteranopia

55, 49.818, 81.769



Tritanopia
55, 12.960, 354.743

Trichromacy



Original Color
55, 50.369, 97.553

Protanomaly
55, 50.173, 95.897

Deuteranomaly
55, 49.546, 87.445

Tritanomaly
55, 19.063, 76.234

Monochromacy



Original Color
55, 50.369, 97.553

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 20.054, 102.671

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 50.369, 97.553 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, 133, 38)` looks like.

```
.text, #text, p{  
    color:rgb(145, 133, 38)  
}
```

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, 133, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 133, 38) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 50.369, 97.553 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, 133, 38) }
```

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

```
.border{ border-color:rgb(145, 133, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 133, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 133, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 133, 38);  
box-shadow:4px 4px 4px 4px rgb(145, 133,  
38) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 50.369, 97.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 133, 38) }
```

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

```
.background{ background-color: rgb(145,  
133, 38) }
```

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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