

Converting Colors

CIELCh(57, 48.748, 94.403)

Have a look what the booklet for
CIELCh(57, 48.748, 94.403) contains.

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Color

CIELCh(57, 48.826, 94.443)

Conversions

Conversions Part 1

Format	Color
Hex	9B892F
RGB	155, 137, 47
RGB Percent	61%, 54%, 18%
CMY	0.3937, 0.4641, 0.8171
CMYK	0.00, 0.12, 0.70, 0.39
HSL	50°, 54%, 39%
HSV	50°, 70%, 61%
XYZ	22.8442, 24.9227, 6.2579
YIQ	132.1220, 39.6180, -24.1740

Conversions

Conversions Part 2

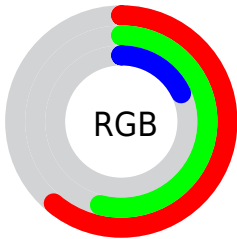
Format	Color
RYB	69, 155, 47
Decimal	10193199
CIELab	57.00, -3.78, 48.68
CIELCh	57, 48.826, 94.443
Yxy	24.9227, 0.4228, 0.4613
Android (android.graphics.Color)	4288383279 (0xFF9B892F)
YUV	132.1220, -41.9651, 20.0640
Hunter-Lab	49.9226, -5.6843, 27.5137

Details

The CIELCh color **57, 48.826, 94.443** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **31, 56.743, 295.230**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 48.875, 94.435**, and **37, 45.072, 94.990** is the 20% darker color. If you saturate the color by 10%, you get **56, 53.953, 93.299**, and if you desaturate by 10%, it is **58, 42.700, 95.595**.

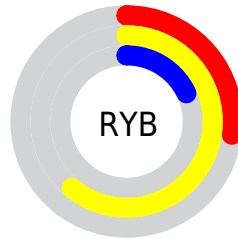
Distribution



Red (61%)

Green (54%)

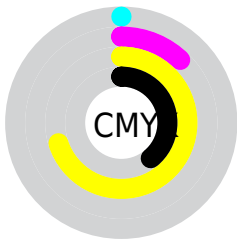
Blue (18%)



Red (27%)

Yellow (61%)

Blue (18%)

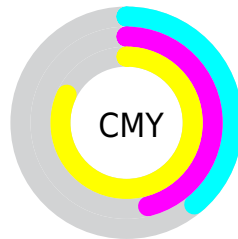


Cyan (0%)

Magenta (12%)

Yellow (70%)

Black (39%)



Cyan (39%)

Magenta (46%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 48.826, 94.443 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 57, 48.826, 94.443 by changing the saturation by 10% instead.

■ 57, 48.826, 94.443

■ 57, 48.826, 94.443

■ 100, 48.826,
94.443

■ 47, 48.826, 94.443

■ 77, 48.826, 94.443

■ 37, 48.826, 94.443

■ 87, 48.826, 94.443

■ 27, 48.826, 94.443

■ 97, 48.826, 94.443

■ 17, 48.826, 94.443

■ 7, 48.826, 94.443

■ 0, 48.826, 94.443

■ 57, 48.826, 94.443

■ 57, 48.826, 94.443

■ 56, 53.953, 93.299

■ 58, 42.700, 95.595

■ 55, 57.590, 92.134

■ 59, 35.973, 96.749

■ 55, 59.813, 90.940

■ 60, 28.915, 97.904

■ 55, 59.851, 90.921

■ 61, 21.694, 99.050

■ 62, 14.411,
100.178

■ 63, 7.126, 101.277

■ 64, 0.129, 283.258

■ 65, 7.334, 283.421

■ 66, 14.480,
284.410

Harmonies

Complementary

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



57, 48.826, 94.443



31, 56.743, 295.230

Rectangle

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



57, 48.826, 94.443



57, 48.826, 144.443



57, 48.826, 274.443



57, 48.826, 324.443

Sweetspot

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



57, 48.826, 94.446



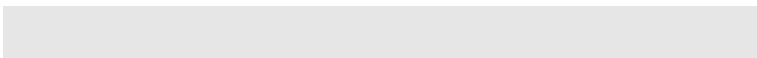
78, 18.936, 100.002



37, 48.223, 17.913



41, 12.923, 99.714



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



57, 48.826, 94.446



71, 68.476, 92.625



59, 57.850, 119.861



32, 4.060, 101.343



50, 55.779, 91.036



3, 4.329, 101.591

Inverse Universe

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



31, 56.743, 295.230



34, 86.351, 299.629



30, 67.531, 308.051



30, 4.114, 283.411



18, 76.229, 302.923



1, 4.406, 282.506

Previews

White Background



This preview shows how the CIELCh color 57, 48.826, 94.443 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 57, 48.826, 94.443 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 57, 48.826, 94.443

Background



This preview shows how black text looks on a background with the CIELCh color 57, 48.826, 94.443.



This preview shows how white text looks on a background with the CIELCh color 57, 48.826, 94.443.

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

57, 48.826, 94.443

Protanopia

57, 48.648, 95.529

Deuteranopia

57, 48.678, 81.206



Tritanopia
57, 14.737, 358.467

Trichromacy



Original Color
57, 48.826, 94.443

Protanomaly
57, 48.735, 94.985

Deuteranomaly
57, 48.346, 85.767

Tritanomaly
57, 19.324, 69.349

Monochromacy



Original Color
57, 48.826, 94.443

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 18.908, 100.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 48.826, 94.443 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(155, 137, 47)` looks like.

```
.text, #text, p{  
    color:rgb(155, 137, 47)  
}
```

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(155, 137, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 137, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 48.826, 94.443 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(155, 137, 47) }
```

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

```
.border{ border-color:rgb(155, 137, 47) }
```

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

Here you see how a box with a 4 pixel rgb(155, 137, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 137, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 137, 47);  
box-shadow:4px 4px 4px 4px rgb(155, 137,  
47) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 48.826, 94.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 137, 47) }
```

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

```
.background{ background-color: rgb(155,  
137, 47) }
```

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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