

Converting Colors

CIELCh(54, 56.915, 100.737)

Have a look what the booklet for
CIELCh(54, 56.915, 100.737)
contains.

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Color

CIELCh(54, 56.765, 100.772)

Conversions

Conversions Part 1

Format	Color
Hex	898410
RGB	137, 132, 16
RGB Percent	54%, 52%, 6%
CMY	0.4614, 0.4811, 0.9391
CMYK	0.00, 0.04, 0.89, 0.46
HSL	58°, 80%, 30%
HSV	58°, 89%, 54%
XYZ	18.7595, 21.9746, 3.7248
YIQ	120.2710, 40.2160, -35.0160

Conversions

Conversions Part 2

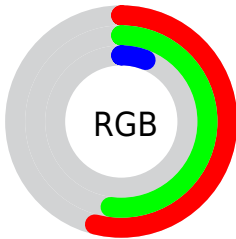
Format	Color
R_{YB}	21, 137, 16
Decimal	9012240
CIE Lab	54.00, -10.61, 55.76
CIE LCh	54, 56.765, 100.772
Yxy	21.9746, 0.4220, 0.4943
Android (android.graphics.Color)	4287202320 (0xFF898410)
YUV	120.2710, -51.4056, 14.6713
Hunter-Lab	46.8770, -10.6018, 28.1028

Details

The CIELCh color **54, 56.765, 100.772** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **18, 75.743, 304.000**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 56.795, 100.691**, and **34, 42.859, 102.852** is the 20% darker color. If you saturate the color by 10%, you get **54, 59.092, 100.308**, and if you desaturate by 10%, it is **54, 53.159, 101.358**.

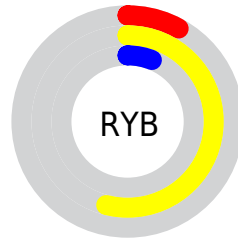
Distribution



Red (54%)

Green (52%)

Blue (6%)



Red (8%)

Yellow (54%)

Blue (6%)

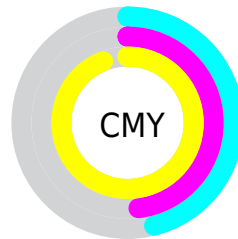


Cyan (0%)

Magenta (4%)

Yellow (89%)

Black (46%)



Cyan (46%)

Magenta (48%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 56.765, 100.772 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, 56.765, 100.772 by changing the saturation by 10% instead.

 54, 56.765,
100.772


 54, 56.765,
100.772

 100, 56.765,
100.772

 44, 56.765,
100.772


 74, 56.765,
100.772

 34, 56.765,
100.772

 84, 56.765,
100.772

 24, 56.765,
100.772

 94, 56.765,
100.772

 14, 56.765,
100.772

 4, 56.765, 100.772

 0, 56.765, 100.772

■ 54, 56.765,
100.772

■ 54, 56.765,
100.772

■ 54, 59.092,
100.308

■ 54, 53.159,
101.358

■ 54, 59.394,
100.248

■ 54, 48.198,
102.073

■ 55, 42.250,
102.892

■ 55, 35.646,
103.787

■ 55, 28.630,
104.729

■ 56, 21.368,
105.698

■ 56, 13.970,
106.675

■ 57, 6.502, 107.643

Harmonies

Complementary

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



54, 56.765, 100.772



18, 75.743, 304.000

Rectangle

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



54, 56.765, 100.772



54, 56.765, 150.772



54, 56.765, 280.772



54, 56.765, 330.772

Sweetspot

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



54, 56.765, 100.774



71, 24.923, 105.805



29, 57.725, 33.268



37, 16.704, 105.524



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



54, 56.765, 100.774



69, 71.947, 100.189



52, 63.797, 125.028



29, 4.232, 107.598



52, 57.903, 100.257



1, 1.972, 108.482

Inverse Universe

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



18, 75.743, 304.000



22, 100.487, 305.771



22, 74.036, 311.310



27, 4.314, 289.425



14, 80.178, 305.551



0, 1.972, 288.483

Previews

White Background



This preview shows how the CIELCh color 54, 56.765, 100.772 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, 56.765, 100.772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

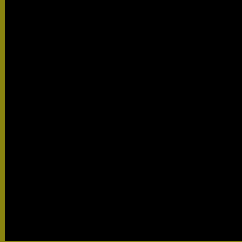
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 56.765, 100.772

Background



This preview shows how black text looks on a background with the CIELCh color 54, 56.765, 100.772.



This preview shows how white text looks on a background with the CIELCh color 54, 56.765, 100.772.

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, 56.546, 100.789

Protanopia

54, 56.314, 94.870

Deuteranopia

54, 54.901, 82.398



Tritanopia
54, 10.852, 348.693

Trichromacy



Original Color
54, 56.546, 100.789

Protanomaly
54, 56.387, 96.856

Deuteranomaly
54, 54.966, 89.202

Tritanomaly
53, 22.026, 87.474

Monochromacy



Original Color
54, 56.546, 100.789

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 24.028, 104.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 56.765, 100.772 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(137, 132, 16)` looks like.

```
.text, #text, p{  
    color:rgb(137, 132, 16)  
}
```

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(137, 132, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 132, 16) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 56.765, 100.772 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(137, 132, 16) }
```

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

```
.border{ border-color:rgb(137, 132, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 132, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 132, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 132, 16);  
box-shadow:4px 4px 4px 4px rgb(137, 132,  
16) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 56.765, 100.772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 132, 16) }
```

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

```
.background{ background-color: rgb(137,  
132, 16) }
```

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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