

Converting Colors

CIELCh(54, 56.799, 95.410)

Have a look what the booklet for
CIELCh(54, 56.799, 95.410) contains.

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Color

CIELCh(54, 57.002, 95.412)

Conversions

Conversions Part 1

Format	Color
Hex	92820C
RGB	146, 130, 12
RGB Percent	57%, 51%, 5%
CMY	0.4290, 0.4916, 0.9515
CMYK	0.00, 0.11, 0.92, 0.43
HSL	53°, 84%, 31%
HSV	53°, 92%, 57%
XYZ	19.7895, 21.9746, 3.5581
YIQ	121.3320, 47.4140, -33.3060

Conversions

Conversions Part 2

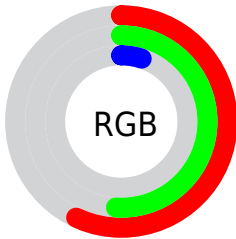
Format	Color
R_{YB}	30, 146, 12
Decimal	9601548
CIE Lab	54.00, -5.38, 56.75
CIE LCh	54, 57.002, 95.412
Yxy	21.9746, 0.4366, 0.4849
Android (android.graphics.Color)	4287791628 (0xFF92820C)
YUV	121.3320, -53.9007, 21.6338
Hunter-Lab	46.8770, -6.6798, 28.3136

Details

The CIELCh color **54, 57.002, 95.412** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **20, 76.023, 302.592**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 57.455, 95.792**, and **34, 42.492, 95.811** is the 20% darker color. If you saturate the color by 10%, you get **54, 58.837, 94.658**, and if you desaturate by 10%, it is **55, 53.787, 96.336**.

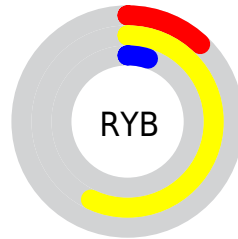
Distribution



Red (57%)

Green (51%)

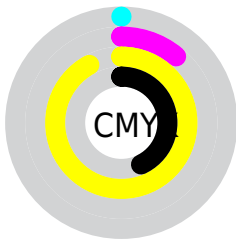
Blue (5%)



Red (12%)

Yellow (57%)

Blue (5%)

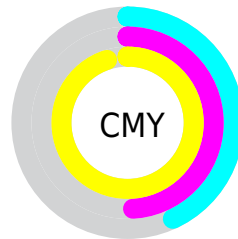


Cyan (0%)

Magenta (11%)

Yellow (92%)

Black (43%)



Cyan (43%)

Magenta (49%)

Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 57.002, 95.412 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, 57.002, 95.412 by changing the saturation by 10% instead.

 54, 57.002, 95.412

 54, 57.002, 95.412

 100, 57.002,
95.412

 44, 57.002, 95.412

 74, 57.002, 95.412

 34, 57.002, 95.412

 84, 57.002, 95.412

 24, 57.002, 95.412

 94, 57.002, 95.412

 14, 57.002, 95.412

 4, 57.002, 95.412

 0, 57.002, 95.412

 54, 57.002, 95.412

 54, 57.002, 95.412

 54, 58.837, 94.658

 55, 53.787, 96.336

 55, 49.065, 97.302

■ 56, 43.272, 98.314

■ 56, 36.794, 99.361

■ 57, 29.912,
100.430

■ 58, 22.806,
101.507

■ 59, 15.591,
102.578

■ 59, 8.335, 103.630

■ 60, 1.081, 104.590

Harmonies

Complementary

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



54, 57.002, 95.412



20, 76.023, 302.592

Rectangle

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



54, 57.002, 95.412



54, 57.002, 145.412



54, 57.002, 275.412



54, 57.002, 325.412

Sweetspot

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



54, 57.002, 95.414



74, 24.170, 101.932



31, 59.018, 29.262



38, 16.224, 101.610



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, 57.002, 95.414



68, 71.126, 94.471



55, 66.069, 121.958



31, 4.144, 103.866



51, 56.513, 94.703



2, 3.631, 104.824

Inverse Universe

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



20, 76.023, 302.592



25, 100.456, 304.600



21, 80.042, 309.528



29, 4.210, 285.842



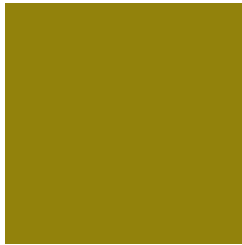
17, 78.332, 304.114



0, 3.632, 284.827

Previews

White Background



This preview shows how the CIE LCh color 54, 57.002, 95.412 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, 57.002, 95.412 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, 57.002, 95.412

Background



This preview shows how black text looks on a background with the CIELCh color 54, 57.002, 95.412.



This preview shows how white text looks on a background with the CIELCh color 54, 57.002, 95.412.

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, 57.196, 95.414

Protanopia

54, 57.196, 95.414

Deuteranopia

54, 56.159, 83.259



Tritanopia
54, 13.937, 359.356

Trichromacy



Original Color
54, 57.196, 95.414

Protanomaly
54, 57.196, 95.414

Deuteranomaly
54, 56.212, 87.329

Tritanomaly
54, 24.418, 78.816

Monochromacy



Original Color
54, 57.196, 95.414

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 24.753, 100.737

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 57.002, 95.412 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(146, 130, 12)` looks like.

```
.text, #text, p{  
    color:rgb(146, 130, 12)  
}
```

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(146, 130, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 130, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 57.002, 95.412 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(146, 130, 12) }
```

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

```
.border{ border-color:rgb(146, 130, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 130, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 130, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 130, 12);  
box-shadow:4px 4px 4px 4px rgb(146, 130,  
12) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 57.002, 95.412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 130, 12) }
```

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

```
.background{ background-color: rgb(146,  
130, 12) }
```

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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