

Converting Colors

CIELCh(52, 54.136, 98.227)

Have a look what the booklet for
CIELCh(52, 54.136, 98.227) contains.

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Color

CIELCh(52, 54.087, 98.204)

Conversions

Conversions Part 1

Format	Color
Hex	887E12
RGB	136, 126, 18
RGB Percent	53%, 49%, 7%
CMY	0.4673, 0.5065, 0.9303
CMYK	0.00, 0.07, 0.87, 0.47
HSL	55°, 77%, 30%
HSV	55°, 87%, 53%
XYZ	17.6735, 20.1443, 3.5192
YIQ	116.6780, 40.6280, -31.4680

Conversions

Conversions Part 2

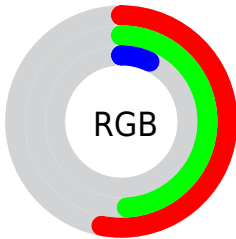
Format	Color
R _Y B	29, 136, 18
Decimal	8945170
CIE Lab	52.00, -7.72, 53.53
CIE LCh	52, 54.087, 98.204
Yxy	20.1443, 0.4275, 0.4873
Android (android.graphics.Color)	4287135250 (0xFF887E12)
YUV	116.6780, -48.6483, 16.9454
Hunter-Lab	44.8824, -8.2556, 26.7688

Details

The CIELCh color **52, 54.087, 98.204** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **19, 70.905, 302.489**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 54.089, 98.248**, and **32, 40.848, 98.435** is the 20% darker color. If you saturate the color by 10%, you get **52, 56.507, 97.503**, and if you desaturate by 10%, it is **52, 50.271, 98.992**.

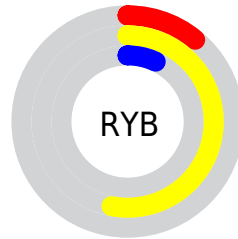
Distribution



Red (53%)

Green (49%)

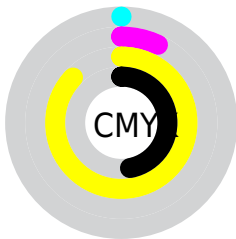
Blue (7%)



Red (11%)

Yellow (53%)

Blue (7%)

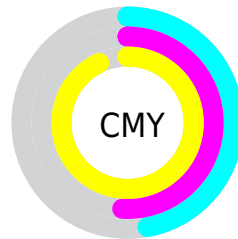


Cyan (0%)

Magenta (7%)

Yellow (87%)

Black (47%)



Cyan (47%)

Magenta (51%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 54.087, 98.204 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 52, 54.087, 98.204 by changing the saturation by 10% instead.

52, 54.087, 98.204

52, 54.087, 98.204

100, 54.087,
98.204

42, 54.087, 98.204

72, 54.087, 98.204

32, 54.087, 98.204

82, 54.087, 98.204

22, 54.087, 98.204

92, 54.087, 98.204

12, 54.087, 98.204

2, 54.087, 98.204

0, 54.087, 98.204

52, 54.087, 98.204

52, 54.087, 98.204

52, 56.507, 97.503

52, 50.271, 98.992

52, 57.213, 97.292

53, 45.211, 99.863

■ 53, 39.293,
100.802

■ 54, 32.829,
101.788

■ 54, 26.039,
102.801

■ 55, 19.067,
103.825

■ 56, 12.003,
104.845

■ 56, 4.903, 105.843

■ 57, 2.199, 286.877

Harmonies

Complementary

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



52, 54.087, 98.204



19, 70.905, 302.489

Rectangle

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



52, 54.087, 98.204



52, 54.087, 148.204



52, 54.087, 278.204



52, 54.087, 328.204

Sweetspot

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



52, 54.087, 98.206



70, 22.759, 103.860



29, 54.541, 29.256



37, 15.534, 103.554



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



52, 54.087, 98.206



66, 69.088, 97.161



52, 61.639, 122.981



29, 4.049, 105.622



50, 56.232, 97.306



1, 1.885, 106.539

Inverse Universe

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



19, 70.905, 302.489



22, 97.288, 305.165



21, 72.929, 310.212



27, 4.120, 287.516



15, 78.020, 304.783



0, 1.885, 286.542

Previews

White Background



This preview shows how the CIELCh color 52, 54.087, 98.204 looks on a white background.

Color Contrast Check

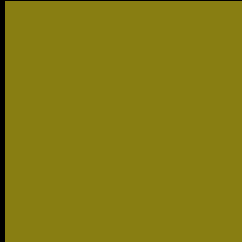
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 54.087, 98.204 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 52, 54.087, 98.204

Background



This preview shows how black text looks on a background with the CIELCh color 52, 54.087, 98.204.



This preview shows how white text looks on a background with the CIELCh color 52, 54.087, 98.204.

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

52, 54.087, 98.204

Protanopia

52, 53.997, 95.062

Deuteranopia

52, 52.912, 83.168



Tritanopia
52, 11.756, 354.557

Trichromacy



Original Color
52, 54.087, 98.204

Protanomaly
52, 54.143, 96.636

Deuteranomaly
52, 52.893, 88.617

Tritanomaly
51, 21.178, 82.607

Monochromacy



Original Color
52, 54.087, 98.204

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 22.553, 102.630

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 54.087, 98.204 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(136, 126, 18)` looks like.

```
.text, #text, p{  
    color:rgb(136, 126, 18)  
}
```

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(136, 126, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 126, 18) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 54.087, 98.204 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(136, 126, 18) }
```

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

```
.border{ border-color:rgb(136, 126, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 126, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 126, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 126, 18);  
box-shadow:4px 4px 4px 4px rgb(136, 126,  
18) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 54.087, 98.204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 126, 18) }
```

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

```
.background{ background-color: rgb(136,  
126, 18) }
```

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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