

Converting Colors

CIELCh(57, 52.897, 82.014)

Have a look what the booklet for
CIELCh(57, 52.897, 82.014) contains.

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Color

CIELCh(57, 52.901, 81.945)

Conversions

Conversions Part 1

Format	Color
Hex	AC8227
RGB	172, 130, 39
RGB Percent	67%, 51%, 15%
CMY	0.3250, 0.4898, 0.8466
CMYK	0.00, 0.24, 0.77, 0.33
HSL	41°, 63%, 41%
HSV	41°, 77%, 67%
XYZ	25.4022, 24.9227, 5.4005
YIQ	132.1840, 54.2430, -19.3970

Conversions

Conversions Part 2

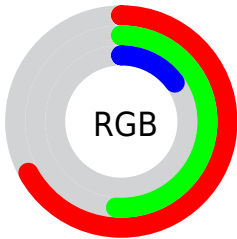
Format	Color
RYB	100, 172, 39
Decimal	11305511
CIELab	57.00, 7.41, 52.38
CIElCh	57, 52.901, 81.945
Yxy	24.9227, 0.4558, 0.4472
Android (android.graphics.Color)	4289495591 (0xFFAC8227)
YUV	132.1840, -45.9397, 34.9186
Hunter-Lab	49.9226, 3.4617, 28.5320

Details

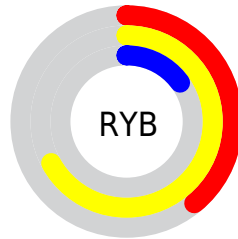
The CIELCh color **57, 52.901, 81.945** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **37, 56.156, 289.564**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 52.961, 82.094**, and **37, 46.162, 80.323** is the 20% darker color. If you saturate the color by 10%, you get **56, 57.734, 80.151**, and if you desaturate by 10%, it is **59, 46.820, 83.532**.

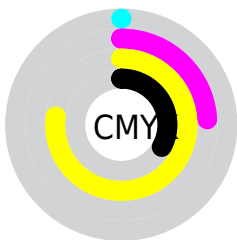
Distribution



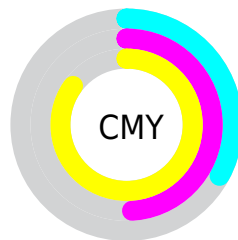
- Red (67%)
- Green (51%)
- Blue (15%)



- Red (39%)
- Yellow (67%)
- Blue (15%)



- Cyan (0%)
- Magenta (24%)
- Yellow (77%)
- Black (33%)



- Cyan (33%)
- Magenta (49%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 52.901, 81.945 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, 52.901, 81.945 by changing the saturation by 10% instead.

■ 57, 52.901, 81.945

■ 57, 52.901, 81.945

■ 100, 52.901,
81.945

■ 47, 52.901, 81.945

■ 77, 52.901, 81.945

■ 37, 52.901, 81.945

■ 87, 52.901, 81.945

■ 27, 52.901, 81.945

■ 97, 52.901, 81.945

■ 17, 52.901, 81.945

■ 7, 52.901, 81.945

■ 0, 52.901, 81.945

■ 57, 52.901, 81.945

■ 57, 52.901, 81.945

■ 56, 57.734, 80.151

■ 59, 46.820, 83.532

■ 54, 60.801, 78.022

■ 60, 40.068, 85.001

54, 61.574, 77.446

62, 33.020, 86.405

64, 25.890, 87.763

65, 18.796, 89.083

67, 11.796, 90.361

69, 4.917, 91.580

71, 1.833, 272.932

73, 8.456, 273.995

Harmonies

Complementary

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



57, 52.901, 81.945



37, 56.156, 289.564

Rectangle

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



57, 52.901, 81.945



57, 52.901, 131.945



57, 52.901, 261.945



57, 52.901, 311.945

Sweetspot

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



57, 52.900, 81.948



84, 19.598, 89.582



39, 55.944, 8.782



44, 13.590, 89.129



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



57, 52.900, 81.948



70, 73.273, 78.596



66, 65.711, 112.982



36, 3.858, 91.340



47, 55.795, 77.764



5, 7.396, 84.709

Inverse Universe

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



37, 56.156, 289.564



40, 85.552, 295.636



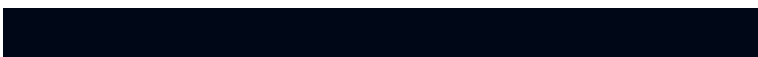
28, 82.029, 305.660



34, 3.864, 273.714



25, 66.684, 296.968



2, 8.634, 276.720

Previews

White Background



This preview shows how the CIELCh color 57, 52.901, 81.945 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, 52.901, 81.945 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, 52.901, 81.945

Background



This preview shows how black text looks on a background with the CIELCh color 57, 52.901, 81.945.



This preview shows how white text looks on a background with the CIELCh color 57, 52.901, 81.945.

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, 52.901, 81.945

Protanopia

57, 51.189, 95.110

Deuteranopia

57, 52.901, 81.945



Tritanopia
57, 23.472, 9.733

Trichromacy



Original Color
57, 52.901, 81.945

Protanomaly
57, 51.484, 89.738

Deuteranomaly
57, 52.901, 81.945

Tritanomaly
57, 27.916, 53.969

Monochromacy



Original Color
57, 52.901, 81.945

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 20.107, 87.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 52.901, 81.945 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(172, 130, 39)` looks like.

```
.text, #text, p{  
    color:rgb(172, 130, 39)  
}
```

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(172, 130, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 130, 39) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 52.901, 81.945 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(172, 130, 39) }
```

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

```
.border{ border-color:rgb(172, 130, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 130, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 130, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 130, 39);  
box-shadow:4px 4px 4px 4px rgb(172, 130,  
39) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 52.901, 81.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 130, 39) }
```

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

```
.background{ background-color: rgb(172,  
130, 39) }
```

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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