

Converting Colors

CIELCh(57, 60.958, 82.809)

Have a look what the booklet for
CIELCh(57, 60.958, 82.809) contains.

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Color

CIELCh(57, 60.932, 82.873)

Conversions

Conversions Part 1

Format	Color
Hex	AE820C
RGB	174, 130, 12
RGB Percent	68%, 51%, 5%
CMY	0.3184, 0.4908, 0.9542
CMYK	0.00, 0.25, 0.93, 0.32
HSL	44°, 87%, 36%
HSV	44°, 93%, 68%
XYZ	25.4370, 24.9227, 3.8073
YIQ	129.7040, 64.1020, -27.3700

Conversions

Conversions Part 2

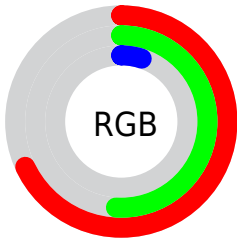
Format	Color
R_{YB}	72, 174, 12
Decimal	11436556
CIE _{Lab}	57.00, 7.56, 60.46
CIE _{LCh}	57, 60.932, 82.873
Yxy	24.9227, 0.4696, 0.4601
Android (android.graphics.Color)	4289626636 (0xFFAE820C)
YUV	129.7040, -58.0281, 38.8476
Hunter-Lab	49.9226, 3.5862, 30.4241

Details

The CIELCh color **57, 60.932, 82.873** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **29, 74.453, 297.543**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 61.231, 83.006**, and **37, 46.623, 79.193** is the 20% darker color. If you saturate the color by 10%, you get **56, 62.536, 81.577**, and if you desaturate by 10%, it is **58, 57.420, 84.668**.

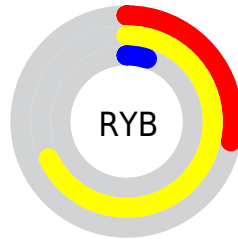
Distribution



Red (68%)

Green (51%)

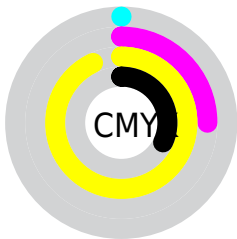
Blue (5%)



Red (28%)

Yellow (68%)

Blue (5%)

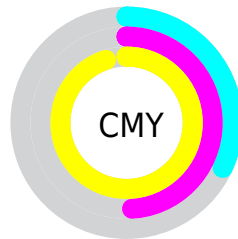


Cyan (0%)

Magenta (25%)

Yellow (93%)

Black (32%)



Cyan (32%)

Magenta (49%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 60.932, 82.873 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, 60.932, 82.873 by changing the saturation by 10% instead.

■ 57, 60.932, 82.873

■ 57, 60.932, 82.873

■ 100, 60.932,
82.873

■ 47, 60.932, 82.873

■ 77, 60.932, 82.873

■ 37, 60.932, 82.873

■ 87, 60.932, 82.873

■ 27, 60.932, 82.873

■ 97, 60.932, 82.873

■ 17, 60.932, 82.873

■ 7, 60.932, 82.873

■ 0, 60.932, 82.873

■ 57, 60.932, 82.873

■ 57, 60.932, 82.873

■ 56, 62.536, 81.577

■ 58, 57.420, 84.668

■ 60, 52.157, 86.235

61, 45.778, 87.680

62, 38.790, 89.057

64, 31.519, 90.393

66, 24.155, 91.694

67, 16.802, 92.961

69, 9.518, 94.186

70, 2.327, 95.321

Harmonies

Complementary

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



57, 60.932, 82.873



29, 74.453, 297.543

Rectangle

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



57, 60.932, 82.873



57, 60.932, 132.873



57, 60.932, 262.873



57, 60.932, 312.873

Sweetspot

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



57, 60.931, 82.876



84, 25.186, 92.304



37, 63.690, 18.848



44, 17.566, 91.763



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



57, 60.931, 82.876



72, 76.240, 81.132



66, 73.238, 115.116



36, 4.037, 94.657



49, 56.279, 81.863



5, 7.769, 89.141

Inverse Universe

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



29, 74.453, 297.543



36, 99.488, 300.126



23, 95.061, 307.251



34, 4.061, 276.958



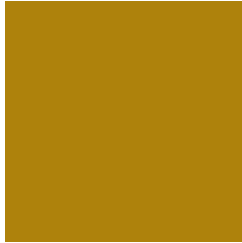
23, 71.192, 299.180



2, 8.982, 279.101

Previews

White Background



This preview shows how the CIELCh color 57, 60.932, 82.873 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 CIELCh color 57, 60.932, 82.873 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, 60.932, 82.873

Background



This preview shows how black text looks on a background with the CIELCh color 57, 60.932, 82.873.



This preview shows how white text looks on a background with the CIELCh color 57, 60.932, 82.873.

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, 60.932, 82.873

Protanopia

57, 59.430, 95.361

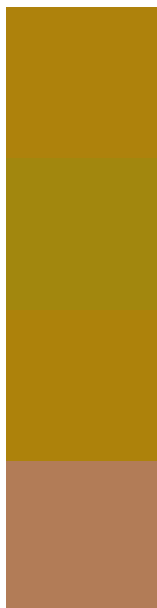
Deuteranopia

57, 60.918, 83.319



Tritanopia
57, 24.733, 10.556

Trichromacy



Original Color
57, 60.932, 82.873

Protanomaly
57, 59.564, 90.669

Deuteranomaly
57, 60.918, 83.319

Tritanomaly
57, 33.051, 59.667

Monochromacy



Original Color
57, 60.932, 82.873

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 25.506, 90.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 60.932, 82.873 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(174, 130, 12)` looks like.

```
.text, #text, p{  
    color:rgb(174, 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(174, 130, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 130, 12) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 60.932, 82.873 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(174, 130, 12) }
```

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

```
.border{ border-color:rgb(174, 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(174, 130, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 130, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 130, 12);  
box-shadow:4px 4px 4px 4px rgb(174, 130,  
12) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 60.932, 82.873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 130, 12) }
```

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

```
.background{ background-color: rgb(174,  
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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