

Converting Colors

CIELCh(57, 55.939, 82.085)

Have a look what the booklet for
CIELCh(57, 55.939, 82.085) contains.

CIELCh(57, 55.916, 82.226)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(57, 55.916, 82.226)

Conversions

Conversions Part 1

Format	Color
Hex	AD821F
RGB	173, 130, 31
RGB Percent	68%, 51%, 12%
CMY	0.3219, 0.4904, 0.8787
CMYK	0.00, 0.25, 0.82, 0.32
HSL	42°, 70%, 40%
HSV	42°, 82%, 68%
XYZ	25.4379, 24.9227, 4.7610
YIQ	131.5710, 57.4070, -21.6730

Conversions

Conversions Part 2

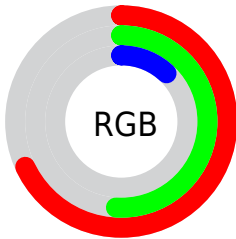
Format	Color
RYB	93, 173, 31
Decimal	11371039
CIELab	57.00, 7.56, 55.40
CIElCh	57, 55.916, 82.226
Yxy	24.9227, 0.4615, 0.4521
Android (android.graphics.Color)	4289561119 (0xFFAD821F)
YUV	131.5710, -49.5815, 36.3332
Hunter-Lab	49.9226, 3.5894, 29.2915

Details

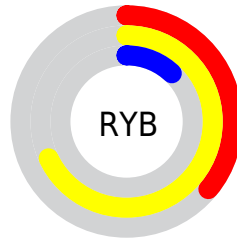
The CIELCh color **57, 55.916, 82.226** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **34, 61.503, 292.050**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 55.799, 82.475**, and **37, 46.390, 79.754** is the 20% darker color. If you saturate the color by 10%, you get **56, 59.827, 80.327**, and if you desaturate by 10%, it is **58, 50.393, 83.868**.

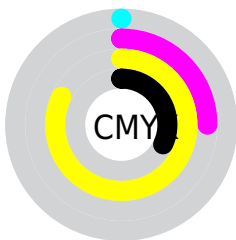
Distribution



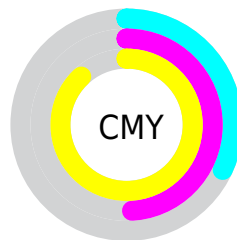
- Red (68%)
- Green (51%)
- Blue (12%)



- Red (36%)
- Yellow (68%)
- Blue (12%)



- Cyan (0%)
- Magenta (25%)
- Yellow (82%)
- Black (32%)



- Cyan (32%)
- Magenta (49%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 55.916, 82.226 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, 55.916, 82.226 by changing the saturation by 10% instead.

■ 57, 55.916, 82.226

■ 57, 55.916, 82.226

■ 100, 55.916,
82.226

■ 47, 55.916, 82.226

■ 77, 55.916, 82.226

■ 37, 55.916, 82.226

■ 87, 55.916, 82.226

■ 27, 55.916, 82.226

■ 97, 55.916, 82.226

■ 17, 55.916, 82.226

■ 7, 55.916, 82.226

■ 0, 55.916, 82.226

■ 57, 55.916, 82.226

■ 57, 55.916, 82.226

■ 56, 59.827, 80.327

■ 58, 50.393, 83.868

■ 54, 61.900, 78.663

■ 60, 43.905, 85.364

62, 36.930, 86.780

63, 29.760, 88.148

65, 22.559, 89.476

67, 15.415, 90.765

68, 8.369, 92.009

70, 1.441, 93.108

72, 5.364, 274.448

Harmonies

Complementary

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



57, 55.916, 82.226



34, 61.503, 292.050

Rectangle

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



57, 55.916, 82.226



57, 55.916, 132.226



57, 55.916, 262.226



57, 55.916, 312.226

Sweetspot

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



57, 55.915, 82.229



84, 21.598, 90.341



39, 58.474, 10.684



44, 14.756, 89.904



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, 55.915, 82.229



70, 74.896, 78.396



67, 68.423, 112.999



36, 3.909, 92.347



48, 55.902, 78.976



5, 7.499, 86.035

Inverse Universe

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



34, 61.503, 292.050



37, 93.309, 298.345



26, 86.904, 306.157



34, 3.921, 274.700



24, 68.026, 297.655



2, 8.735, 277.439

Previews

White Background



This preview shows how the CIELCh color 57, 55.916, 82.226 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, 55.916, 82.226 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, 55.916, 82.226

Background



This preview shows how black text looks on a background with the CIELCh color 57, 55.916, 82.226.



This preview shows how white text looks on a background with the CIELCh color 57, 55.916, 82.226.

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, 55.916, 82.226

Protanopia

57, 54.136, 95.216

Deuteranopia

57, 55.916, 82.226



Tritanopia
57, 24.324, 10.297

Trichromacy



Original Color
57, 55.916, 82.226

Protanomaly
57, 54.389, 90.107

Deuteranomaly
57, 55.916, 82.226

Tritanomaly
57, 29.874, 55.385

Monochromacy



Original Color
57, 55.916, 82.226

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 21.713, 88.720

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 55.916, 82.226 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(173, 130, 31)` looks like.

```
.text, #text, p{  
    color:rgb(173, 130, 31)  
}
```

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(173, 130, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 130, 31) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 55.916, 82.226 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(173, 130, 31) }
```

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

```
.border{ border-color:rgb(173, 130, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 130, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 130, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 130, 31);  
box-shadow:4px 4px 4px 4px rgb(173, 130,  
31) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 55.916, 82.226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 130, 31) }
```

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

```
.background{ background-color: rgb(173,  
130, 31) }
```

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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