

Converting Colors

CIELCh(57, 53.856, 85.551)

Have a look what the booklet for
CIELCh(57, 53.856, 85.551) contains.

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Color

CIELCh(57, 53.968, 85.407)

Conversions

Conversions Part 1

Format	Color
Hex	A88423
RGB	168, 132, 35
RGB Percent	66%, 52%, 14%
CMY	0.3415, 0.4826, 0.8630
CMYK	0.00, 0.21, 0.79, 0.34
HSL	44°, 66%, 40%
HSV	44°, 79%, 66%
XYZ	24.6778, 24.9227, 5.0943
YIQ	131.7060, 52.5930, -22.5350

Conversions

Conversions Part 2

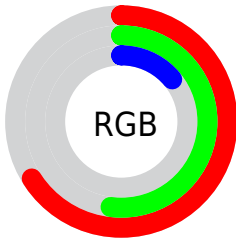
Format	Color
R_{YB}	84, 168, 35
Decimal	11043875
CIE _{Lab}	57.00, 4.32, 53.79
CIE _{LCh}	57, 53.968, 85.407
Yxy	24.9227, 0.4512, 0.4557
Android (android.graphics.Color)	4289233955 (0xFFA88423)
YUV	131.7060, -47.6761, 31.8298
Hunter-Lab	49.9226, 0.8716, 28.8956

Details

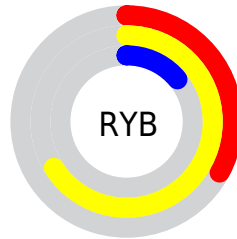
The CIELCh color **57, 53.968, 85.407** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **33, 60.533, 292.886**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 54.013, 85.375**, and **37, 45.739, 83.635** is the 20% darker color. If you saturate the color by 10%, you get **56, 58.186, 83.737**, and if you desaturate by 10%, it is **58, 48.316, 86.910**.

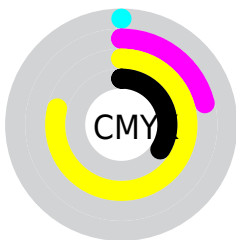
Distribution



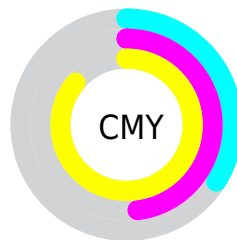
- Red (66%)
- Green (52%)
- Blue (14%)



- Red (33%)
- Yellow (66%)
- Blue (14%)



- Cyan (0%)
- Magenta (21%)
- Yellow (79%)
- Black (34%)



- Cyan (34%)
- Magenta (48%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 53.968, 85.407 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, 53.968, 85.407 by changing the saturation by 10% instead.

■ 57, 53.968, 85.407

■ 57, 53.968, 85.407

■ 100, 53.968,
85.407

■ 47, 53.968, 85.407

■ 77, 53.968, 85.407

■ 37, 53.968, 85.407

■ 87, 53.968, 85.407

■ 27, 53.968, 85.407

■ 97, 53.968, 85.407

■ 17, 53.968, 85.407

■ 7, 53.968, 85.407

■ 0, 53.968, 85.407

■ 57, 53.968, 85.407

■ 57, 53.968, 85.407

■ 56, 58.186, 83.737

■ 58, 48.316, 86.910

■ 55, 60.778, 81.846

■ 60, 41.812, 88.316

54, 60.986, 81.699

61, 34.870, 89.670

63, 27.743, 90.986

64, 20.576, 92.270

66, 13.446, 93.517

67, 6.394, 94.716

69, 0.561, 276.227

71, 7.414, 277.064

Harmonies

Complementary

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



57, 53.968, 85.407



33, 60.533, 292.886

Rectangle

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



57, 53.968, 85.407



57, 53.968, 135.407



57, 53.968, 265.407



57, 53.968, 315.407

Sweetspot

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



57, 53.968, 85.410



83, 20.956, 92.868



38, 55.976, 12.224



43, 14.404, 92.439



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



57, 53.968, 85.410



70, 73.286, 82.285



65, 65.846, 114.607



35, 3.941, 94.706



48, 55.595, 81.955



4, 6.645, 90.374

Inverse Universe

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



33, 60.533, 292.886



36, 91.876, 298.594



27, 81.979, 306.405



33, 3.964, 276.995



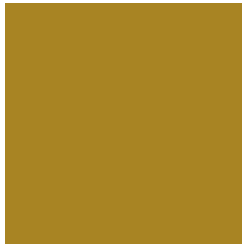
22, 70.263, 299.160



2, 7.471, 278.358

Previews

White Background



This preview shows how the CIELCh color 57, 53.968, 85.407 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, 53.968, 85.407 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, 53.968, 85.407

Background



This preview shows how black text looks on a background with the CIELCh color 57, 53.968, 85.407.



This preview shows how white text looks on a background with the CIELCh color 57, 53.968, 85.407.

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, 53.968, 85.407

Protanopia

57, 53.078, 95.183

Deuteranopia

57, 54.003, 82.241



Tritanopia
57, 21.408, 8.217

Trichromacy



Original Color
57, 53.968, 85.407

Protanomaly
57, 52.998, 91.524

Deuteranomaly
57, 53.974, 83.318

Tritanomaly
57, 26.770, 58.265

Monochromacy



Original Color
57, 53.968, 85.407

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 20.724, 91.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 53.968, 85.407 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(168, 132, 35)` looks like.

```
.text, #text, p{  
    color:rgb(168, 132, 35)  
}
```

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(168, 132, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 132, 35) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 53.968, 85.407 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(168, 132, 35) }
```

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

```
.border{ border-color:rgb(168, 132, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 132, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 132, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 132, 35);  
box-shadow:4px 4px 4px 4px rgb(168, 132,  
35) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 53.968, 85.407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 132, 35) }
```

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

```
.background{ background-color: rgb(168,  
132, 35) }
```

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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