

Converting Colors

CIELCh(64, 57.940, 82.013)

Have a look what the booklet for
CIELCh(64, 57.940, 82.013) contains.

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Color

CIELCh(64, 57.940, 82.013)

Conversions

Conversions Part 1

Format	Color
Hex	C3942E
RGB	195, 148, 46
RGB Percent	76%, 58%, 18%
CMY	0.2370, 0.4211, 0.8212
CMYK	0.00, 0.24, 0.77, 0.24
HSL	41°, 62%, 47%
HSV	41°, 77%, 76%
XYZ	33.4120, 32.8017, 7.1140
YIQ	150.4250, 60.7540, -21.7580

Conversions

Conversions Part 2

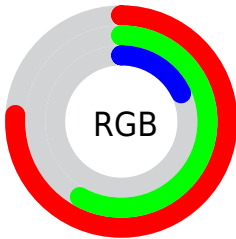
Format	Color
RYB	115, 195, 46
Decimal	12817454
CIELab	64.00, 8.05, 57.38
CIElCh	64, 57.940, 82.013
Yxy	32.8017, 0.4557, 0.4473
Android (android.graphics.Color)	4291007534 (0xFFC3942E)
YUV	150.4250, -51.4815, 39.0923
Hunter-Lab	57.2727, 3.9069, 32.7263

Details

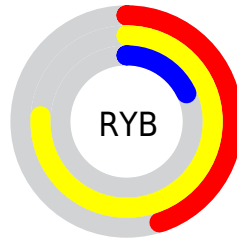
The CIELCh color **64, 57.940, 82.013** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **42, 61.545, 289.596**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 58.008, 82.220**, and **44, 52.424, 80.851** is the 20% darker color. If you saturate the color by 10%, you get **62, 63.275, 80.205**, and if you desaturate by 10%, it is **66, 51.215, 83.611**.

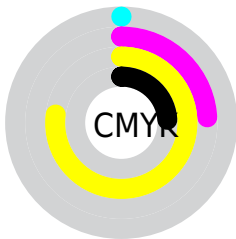
Distribution



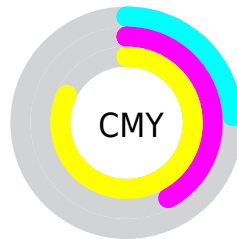
- Red (76%)
- Green (58%)
- Blue (18%)



- Red (45%)
- Yellow (76%)
- Blue (18%)



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



- Cyan (24%)
- Magenta (42%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 57.940, 82.013 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 64, 57.940, 82.013 by changing the saturation by 10% instead.

■ 64, 57.940, 82.013

■ 64, 57.940, 82.013

■ 100, 57.940,
82.013

■ 54, 57.940, 82.013

■ 84, 57.940, 82.013

■ 44, 57.940, 82.013

■ 94, 57.940, 82.013

■ 34, 57.940, 82.013

■ 24, 57.940, 82.013

■ 14, 57.940, 82.013

■ 4, 57.940, 82.013

■ 0, 57.940, 82.013

■ 64, 57.940, 82.013

■ 64, 57.940, 82.013

■ 62, 63.275, 80.205

■ 66, 51.215, 83.611

61, 66.528, 78.029

67, 43.745, 85.091

60, 67.434, 77.255

69, 35.951, 86.505

71, 28.070, 87.873

73, 20.231, 89.202

75, 12.498, 90.488

77, 4.899, 91.712

79, 2.555, 273.050

81, 9.868, 274.142

Harmonies

Complementary

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



64, 57.940, 82.013



42, 61.545, 289.596

Rectangle

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



64, 57.940, 82.013



64, 57.940, 132.013



64, 57.940, 262.013



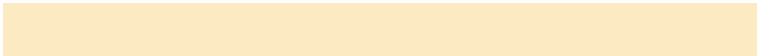
64, 57.940, 312.013

Sweetspot

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



64, 57.939, 82.016



93, 21.580, 89.619



45, 61.258, 8.766



49, 15.108, 89.139



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 57.939, 82.016



78, 79.971, 78.752



74, 71.955, 112.983



40, 4.233, 91.379



50, 58.539, 77.671



8, 12.730, 80.914

Inverse Universe

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



42, 61.545, 289.596



46, 93.187, 295.537



32, 89.810, 305.655



38, 4.240, 273.787



26, 70.451, 297.204



3, 15.309, 280.682

Previews

White Background



This preview shows how the CIELCh color 64, 57.940, 82.013 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 64, 57.940, 82.013 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 57.940, 82.013

Background



This preview shows how black text looks on a background with the CIELCh color 64, 57.940, 82.013.



This preview shows how white text looks on a background with the CIELCh color 64, 57.940, 82.013.

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

64, 57.940, 82.013

Protanopia

64, 56.157, 95.635

Deuteranopia

64, 57.779, 81.444



Tritanopia
64, 25.818, 9.906

Trichromacy



Original Color
64, 57.940, 82.013

Protanomaly
64, 56.367, 90.849

Deuteranomaly
64, 57.779, 81.444

Tritanomaly
64, 30.783, 54.587

Monochromacy



Original Color
64, 57.940, 82.013

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 21.877, 88.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 57.940, 82.013 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(195, 148, 46)` looks like.

```
.text, #text, p{  
    color:rgb(195, 148, 46)  
}
```

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(195, 148, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 148, 46) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 57.940, 82.013 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(195, 148, 46) }
```

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

```
.border{ border-color:rgb(195, 148, 46) }
```

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

Here you see how a box with a 4 pixel rgb(195, 148, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 148, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 148, 46);  
box-shadow:4px 4px 4px 4px rgb(195, 148,  
46) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 57.940, 82.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 148, 46) }
```

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

```
.background{ background-color: rgb(195,  
148, 46) }
```

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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