

Converting Colors

CIELCh(57, 42.780, 101.526)

Have a look what the booklet for
CIELCh(57, 42.780, 101.526)
contains.

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Color

CIELCh(57, 42.554, 101.376)

Conversions

Conversions Part 1

Format	Color
Hex	918B3D
RGB	145, 139, 61
RGB Percent	57%, 55%, 24%
CMY	0.4303, 0.4539, 0.7598
CMYK	0.00, 0.04, 0.58, 0.43
HSL	56°, 41%, 40%
HSV	56°, 58%, 57%
XYZ	21.8427, 24.9227, 8.1085
YIQ	131.9020, 28.6140, -22.9860

Conversions

Conversions Part 2

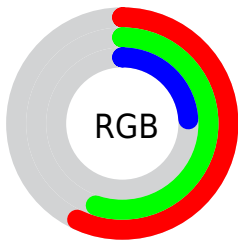
Format	Color
R_{YB}	67, 145, 61
Decimal	9538365
CIE _{Lab}	57.00, -8.39, 41.72
CIE _{LCh}	57, 42.554, 101.376
Yxy	24.9227, 0.3981, 0.4542
Android (android.graphics.Color)	4287728445 (0xFF918B3D)
YUV	131.9020, -34.9547, 11.4869
Hunter-Lab	49.9226, -9.2654, 25.3159

Details

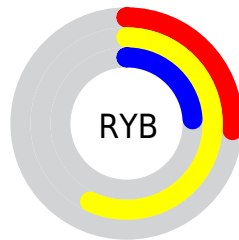
The CIELCh color **57, 42.554, 101.376** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **32, 49.096, 296.192**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 42.579, 101.044**, and **37, 42.592, 101.169** is the 20% darker color. If you saturate the color by 10%, you get **57, 48.743, 100.475**, and if you desaturate by 10%, it is **57, 35.732, 102.340**.

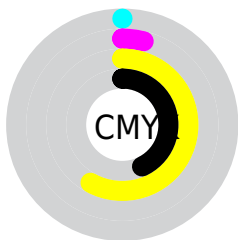
Distribution



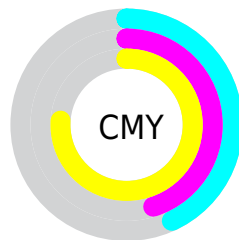
- Red (57%)
- Green (55%)
- Blue (24%)



- Red (26%)
- Yellow (57%)
- Blue (24%)



- Cyan (0%)
- Magenta (4%)
- Yellow (58%)
- Black (43%)





- Cyan (43%)
- Magenta (45%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 42.554, 101.376 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, 42.554, 101.376 by changing the saturation by 10% instead.

 57, 42.554,
101.376


 57, 42.554,
101.376

 100, 42.554,
101.376


 47, 42.554,
101.376


 77, 42.554,
101.376

 37, 42.554,
101.376

 87, 42.554,
101.376

 27, 42.554,
101.376

 97, 42.554,
101.376

 17, 42.554,
101.376

 7, 42.554, 101.376

 0, 42.554, 101.376

■ 57, 42.554,
101.376

■ 57, 42.554,
101.376

■ 57, 48.743,
100.475

■ 57, 35.732,
102.340

■ 56, 53.948, 99.653

■ 58, 28.524,
103.337

■ 56, 57.765, 98.932

■ 59, 21.096,
104.350

■ 55, 60.104, 98.307

■ 55, 60.581, 98.177

■ 59, 13.551,
105.363

■ 60, 5.956, 106.360

■ 60, 1.650, 287.399

■ 61, 9.240, 288.316

■ 62, 16.798,
289.232

■ 63, 24.314,
290.111

Harmonies

Complementary

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



57, 42.554, 101.376



32, 49.096, 296.192

Rectangle

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



57, 42.554, 101.376



57, 42.554, 151.376



57, 42.554, 281.376



57, 42.554, 331.376

Sweetspot

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



57, 42.555, 101.379



75, 15.985, 105.412



38, 38.618, 20.558



39, 10.655, 105.237



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



57, 42.555, 101.379



72, 60.879, 100.254



56, 47.907, 123.457



30, 4.230, 106.230



52, 57.501, 98.209



2, 2.866, 107.142

Inverse Universe

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



32, 49.096, 296.192



35, 74.029, 299.149



34, 53.133, 309.470



28, 4.307, 288.115



15, 79.837, 305.045



0, 2.866, 287.144

Previews

White Background



This preview shows how the CIELCh color 57, 42.554, 101.376 looks on a white background.

Color Contrast Check

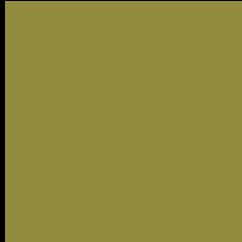
Large Text (above 18pt) WCAG AA ✓ Pass

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, 42.554, 101.376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

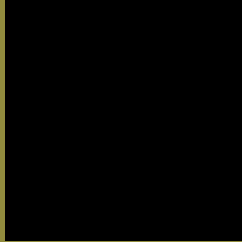
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 42.554, 101.376

Background



This preview shows how black text looks on a background with the CIELCh color 57, 42.554, 101.376.



This preview shows how white text looks on a background with the CIELCh color 57, 42.554, 101.376.

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, 42.554, 101.376

Protanopia

57, 42.190, 95.700

Deuteranopia

57, 41.488, 79.590



Tritanopia
57, 10.401, 347.395

Trichromacy



Original Color
57, 42.554, 101.376

Protanomaly
57, 42.410, 97.628

Deuteranomaly
57, 40.911, 87.554

Tritanomaly
57, 14.269, 80.247

Monochromacy



Original Color
57, 42.554, 101.376

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 16.482, 105.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 42.554, 101.376 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(145, 139, 61)` looks like.

```
.text, #text, p{  
    color:rgb(145, 139, 61)  
}
```

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(145, 139, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 139, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 42.554, 101.376 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(145, 139, 61) }
```

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

```
.border{ border-color:rgb(145, 139, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 139, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 139, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 139, 61);  
box-shadow:4px 4px 4px 4px rgb(145, 139,  
61) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 42.554, 101.376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 139, 61) }
```

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

```
.background{ background-color: rgb(145,  
139, 61) }
```

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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