

Converting Colors

CIELCh(57, 61.588, 95.118)

Have a look what the booklet for
CIELCh(57, 61.588, 95.118) contains.

CIELCh(57, 61.535, 94.885)	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, 61.535, 94.885)

Conversions

Conversions Part 1

Format	Color
Hex	9B8901
RGB	155, 137, 1
RGB Percent	61%, 54%, 0%
CMY	0.3915, 0.4621, 0.9949
CMYK	0.00, 0.12, 0.99, 0.39
HSL	53°, 98%, 31%
HSV	53°, 99%, 61%
XYZ	22.5244, 24.9227, 3.6608
YIQ	126.8780, 54.3840, -38.4800

Conversions

Conversions Part 2

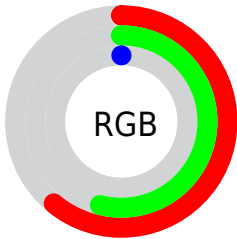
Format	Color
R_{YB}	21, 155, 1
Decimal	10193153
CIE _{Lab}	57.00, -5.24, 61.31
CIE _{LCh}	57, 61.535, 94.885
Yxy	24.9227, 0.4407, 0.4876
Android (android.graphics.Color)	4288383233 (0xFF9B8901)
YUV	126.8780, -62.0579, 24.6630
Hunter-Lab	49.9226, -6.8279, 30.5982

Details

The CIELCh color **57, 61.535, 94.885** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **19, 85.734, 304.252**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 61.359, 94.942**, and **37, 45.072, 94.990** is the 20% darker color. If you saturate the color by 10%, you get **57, 61.716, 94.814**, and if you desaturate by 10%, it is **58, 59.329, 95.771**.

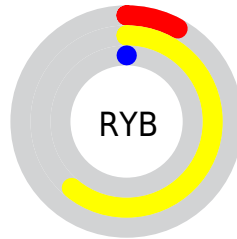
Distribution



Red (61%)

Green (54%)

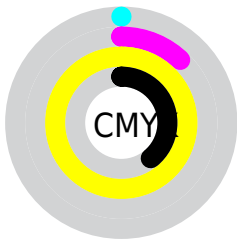
Blue (0%)



Red (8%)

Yellow (61%)

Blue (0%)

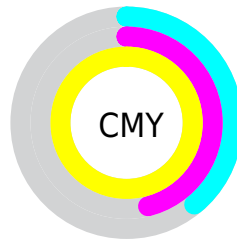


Cyan (0%)

Magenta (12%)

Yellow (99%)

Black (39%)



Cyan (39%)

Magenta (46%)

Yellow (99%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 61.535, 94.885 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, 61.535, 94.885 by changing the saturation by 10% instead.

 57, 61.535, 94.885

 57, 61.535, 94.885

 100, 61.535,
94.885

 47, 61.535, 94.885

 77, 61.535, 94.885

 37, 61.535, 94.885

 87, 61.535, 94.885

 27, 61.535, 94.885

 97, 61.535, 94.885

 17, 61.535, 94.885

 7, 61.535, 94.885

 0, 61.535, 94.885

 57, 61.535, 94.885

 57, 61.535, 94.885

 57, 61.716, 94.814

 58, 59.329, 95.771

 58, 55.612, 96.692

■ 59, 50.383, 97.663

■ 59, 44.102, 98.681

■ 60, 37.161, 99.735

■ 61, 29.836,
100.808

■ 62, 22.302,
101.887

■ 62, 14.669,
102.958

■ 63, 7.004, 104.006

Harmonies

Complementary

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



57, 61.535, 94.885



19, 85.734, 304.252

Rectangle

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



57, 61.535, 94.885



57, 61.535, 144.885



57, 61.535, 274.885



57, 61.535, 324.885

Sweetspot

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



57, 61.534, 94.887



78, 28.377, 101.733



32, 66.071, 32.944



41, 19.488, 101.309



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



57, 61.534, 94.887



72, 74.784, 94.641



58, 71.668, 122.660



32, 4.275, 104.000



52, 57.359, 94.892



3, 4.573, 104.373

Inverse Universe

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



19, 85.734, 304.252



26, 105.970, 304.733



21, 87.936, 309.434



30, 4.344, 285.981



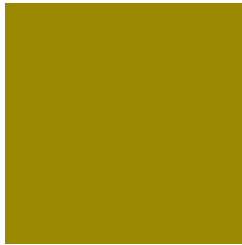
17, 79.647, 304.209



1, 4.641, 285.062

Previews

White Background



This preview shows how the CIELCh color 57, 61.535, 94.885 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, 61.535, 94.885 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, 61.535, 94.885

Background



This preview shows how black text looks on a background with the CIELCh color 57, 61.535, 94.885.



This preview shows how white text looks on a background with the CIELCh color 57, 61.535, 94.885.

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, 61.535, 94.885

Protanopia

57, 61.369, 94.883

Deuteranopia

57, 59.754, 83.087



Tritanopia
57, 15.513, 359.757

Trichromacy



Original Color
57, 61.535, 94.885

Protanomaly
57, 61.369, 94.883

Deuteranomaly
57, 60.376, 87.470

Tritanomaly
56, 27.865, 79.285

Monochromacy



Original Color
57, 61.535, 94.885

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 28.368, 101.208

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 61.535, 94.885 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(155, 137, 1)` looks like.

```
.text, #text, p{  
    color:rgb(155, 137, 1)  
}
```

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(155, 137, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 137, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 61.535, 94.885 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(155, 137, 1) }
```

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

```
.border{ border-color:rgb(155, 137, 1) }
```

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

Here you see how a box with a 4 pixel rgb(155, 137, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 137, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 137, 1);  
box-shadow:4px 4px 4px 4px rgb(155, 137,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 61.535, 94.885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 137, 1) }
```

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

```
.background{ background-color: rgb(155,  
137, 1) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor