

Converting Colors

CIELCh(57, 8.531, 45.281)

Have a look what the booklet for
CIELCh(57, 8.531, 45.281) contains.

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Color

CIELCh(57, 8.511, 43.594)

Conversions

Conversions Part 1

Format	Color
Hex	98857F
RGB	152, 133, 127
RGB Percent	60%, 52%, 50%
CMY	0.4045, 0.4790, 0.5025
CMYK	0.00, 0.13, 0.16, 0.40
HSL	14°, 11%, 55%
HSV	14°, 16%, 60%
XYZ	25.1078, 24.9227, 23.5148
YIQ	137.9970, 13.2500, 2.1620

Conversions

Conversions Part 2

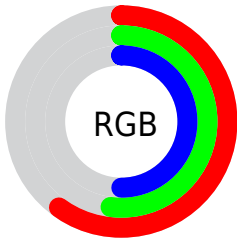
Format	Color
R_{YB}	152, 135, 127
Decimal	9995647
CIE _{Lab}	57.00, 6.16, 5.87
CIE _{LCh}	57, 8.511, 43.594
Yxy	24.9227, 0.3414, 0.3389
Android (android.graphics.Color)	4288185727 (0xFF98857F)
YUV	137.9970, -5.4215, 12.2806
Hunter-Lab	49.9226, 2.4094, 7.0187

Details

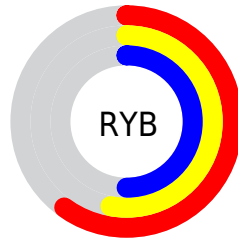
The CIELCh color $57, 8.511, 43.594$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 7.703, 225.135$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 8.284, 42.632$, and $37, 8.535, 45.782$ is the 20% darker color. If you saturate the color by 10%, you get $54, 14.237, 43.398$, and if you desaturate by 10%, it is $60, 3.211, 43.845$.

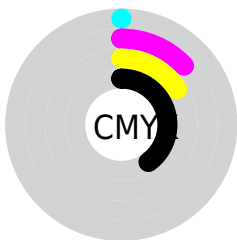
Distribution



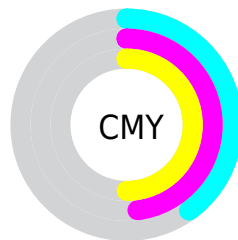
- Red (60%)
- Green (52%)
- Blue (50%)



- Red (60%)
- Yellow (53%)
- Blue (50%)



- Cyan (0%)
- Magenta (13%)
- Yellow (16%)
- Black (40%)



- Cyan (40%)
- Magenta (48%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 8.511, 43.594 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, 8.511, 43.594 by changing the saturation by 10% instead.


 57, 8.511, 43.594  57, 8.511, 43.594


 100, 8.511, 43.594  47, 8.511, 43.594

 77, 8.511, 43.594  37, 8.511, 43.594

 87, 8.511, 43.594  27, 8.511, 43.594

 97, 8.511, 43.594  17, 8.511, 43.594

 7, 8.511, 43.594

 0, 8.511, 43.594

 57, 8.511, 43.594  57, 8.511, 43.594

 54, 14.237, 43.398  60, 3.211, 43.845

 50, 20.422, 43.298  64, 1.698, 224.626

47, 27.081, 43.341

68, 6.259, 224.881

44, 34.197, 43.555

71, 10.511,
225.328

41, 41.700, 43.942

75, 14.491,
225.812

39, 49.405, 44.451

36, 56.893, 44.898

78, 18.231,
226.313

34, 63.433, 44.982

82, 21.761,
226.820

34, 65.752, 45.241

86, 25.108,
227.328

89, 27.070,
218.686

Harmonies

Complementary

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



57, 8.511, 43.594



59, 7.703, 225.135

Rectangle

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



57, 8.511, 43.594



57, 8.511, 93.594



57, 8.511, 223.594



57, 8.511, 273.594

Sweetspot

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



57, 8.510, 43.607



77, 3.048, 43.858



56, 14.675, 332.746



41, 2.102, 43.854



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



57, 8.510, 43.607



71, 12.951, 43.515



60, 10.639, 94.146



31, 2.858, 43.790



31, 61.663, 45.241



1, 2.996, 43.734

Inverse Universe

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



59, 7.703, 225.135



74, 11.418, 225.400



56, 10.728, 278.233



31, 2.709, 224.747



42, 28.872, 243.074



2, 2.978, 225.777

Previews

White Background



This preview shows how the CIELCh color 57, 8.511, 43.594 looks on a white background.

Color Contrast Check

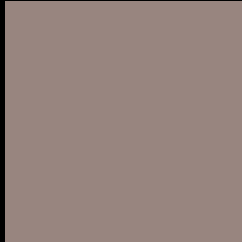
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 57, 8.511, 43.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

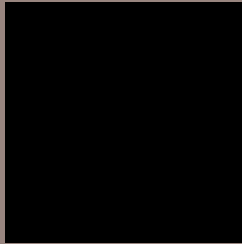
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 8.511, 43.594

Background



This preview shows how black text looks on a background with the CIELCh color 57, 8.511, 43.594.



This preview shows how white text looks on a background with the CIELCh color 57, 8.511, 43.594.

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, 8.511, 43.594

Protanopia

57, 4.446, 82.779

Deuteranopia

57, 9.483, 37.590



Tritanopia
57, 10.737, 348.619

Trichromacy



Original Color
57, 8.511, 43.594

Protanomaly
57, 5.674, 64.059

Deuteranomaly
57, 9.083, 38.346

Tritanomaly
57, 8.711, 5.220

Monochromacy



Original Color
57, 8.511, 43.594

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 3.000, 41.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 8.511, 43.594 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(152, 133, 127)` looks like.

```
.text, #text, p{  
    color:rgb(152, 133, 127)  
}
```

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(152, 133, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 133, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 8.511, 43.594 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(152, 133, 127) }
```

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

```
.border{ border-color:rgb(152, 133, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 133, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 133, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 133, 127);  
box-shadow:4px 4px 4px 4px rgb(152, 133,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 8.511, 43.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 133, 127) }
```

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

```
.background{ background-color: rgb(152,  
133, 127) }
```

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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