

Converting Colors

CIELCh(57, 17.693, 83.087)

Have a look what the booklet for
CIELCh(57, 17.693, 83.087) contains.

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Color

CIELCh(57, 18.055, 84.269)

Conversions

Conversions Part 1

Format	Color
Hex	98876A
RGB	152, 135, 106
RGB Percent	60%, 53%, 42%
CMY	0.4052, 0.4718, 0.5855
CMYK	0.00, 0.11, 0.30, 0.41
HSL	38°, 18%, 50%
HSV	38°, 30%, 59%
XYZ	24.0978, 24.9227, 17.0963
YIQ	136.7770, 19.4410, -5.4150

Conversions

Conversions Part 2

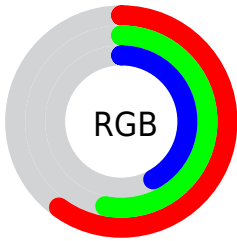
Format	Color
R_{YB}	133, 152, 106
Decimal	9996138
CIE _{Lab}	57.00, 1.80, 17.96
CIE _{LCh}	57, 18.055, 84.269
Yxy	24.9227, 0.3645, 0.3769
Android (android.graphics.Color)	4288186218 (0xFF98876A)
YUV	136.7770, -15.1731, 13.3506
Hunter-Lab	49.9226, -1.2021, 14.6416

Details

The CIELCh color $57, 18.055, 84.269$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $51, 17.688, 272.765$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 18.247, 84.083$, and $37, 18.139, 84.004$ is the 20% darker color. If you saturate the color by 10%, you get $55, 24.290, 82.933$, and if you desaturate by 10%, it is $59, 11.948, 85.578$.

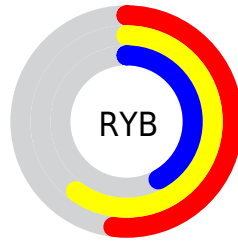
Distribution



Red (60%)

Green (53%)

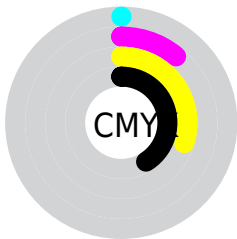
Blue (42%)



Red (52%)

Yellow (60%)

Blue (42%)

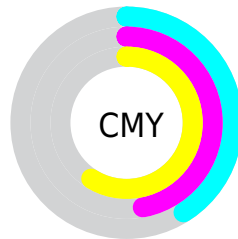


Cyan (0%)

Magenta (11%)

Yellow (30%)

Black (41%)



Cyan (41%)

Magenta (47%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 18.055, 84.269 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, 18.055, 84.269 by changing the saturation by 10% instead.

■ 57, 18.055, 84.269

■ 57, 18.055, 84.269

■ 100, 18.055,
84.269

■ 47, 18.055, 84.269

■ 77, 18.055, 84.269

■ 37, 18.055, 84.269

■ 87, 18.055, 84.269

■ 27, 18.055, 84.269

■ 97, 18.055, 84.269

■ 17, 18.055, 84.269

■ 7, 18.055, 84.269

■ 0, 18.055, 84.269

■ 57, 18.055, 84.269

■ 57, 18.055, 84.269

■ 55, 24.290, 82.933

■ 59, 11.948, 85.578

■ 53, 30.603, 81.551

■ 61, 5.986, 86.830

■ 52, 36.891, 80.116

■ 63, 0.171, 86.824

■ 50, 42.957, 78.594

■ 65, 5.500, 269.316

■ 48, 48.445, 76.912

■ 67, 11.038,
270.431

■ 47, 52.805, 74.928

■ 69, 16.453,
271.509

■ 46, 55.999, 72.769

■ 71, 21.755,
272.539

■ 73, 26.956,
273.520

■ 75, 32.064,
274.451

Harmonies

Complementary

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



57, 18.055, 84.269



51, 17.688, 272.765

Rectangle

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



57, 18.055, 84.269



57, 18.055, 134.269



57, 18.055, 264.269



57, 18.055, 314.269

Sweetspot

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



57, 18.056, 84.276



77, 6.438, 86.966



50, 21.272, 353.542



41, 4.517, 86.803



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, 18.056, 84.276



71, 26.665, 83.422



61, 25.545, 112.416



31, 3.299, 86.960



42, 52.881, 73.004



2, 3.501, 87.207

Inverse Universe

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



51, 17.688, 272.765



62, 26.014, 274.047



47, 27.393, 297.654



30, 3.287, 269.360



25, 57.692, 293.561



1, 3.561, 268.664

Previews

White Background



This preview shows how the CIELCh color 57, 18.055, 84.269 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, 18.055, 84.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

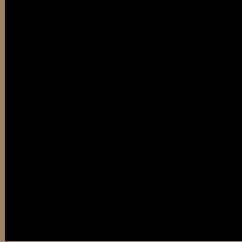
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 18.055, 84.269

Background



This preview shows how black text looks on a background with the CIELCh color 57, 18.055, 84.269.



This preview shows how white text looks on a background with the CIELCh color 57, 18.055, 84.269.

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, 18.055, 84.269

Protanopia

57, 17.412, 95.390

Deuteranopia

57, 19.166, 67.411



Tritanopia
57, 11.786, 351.899

Trichromacy



Original Color
57, 18.055, 84.269

Protanomaly
57, 17.235, 90.860

Deuteranomaly
57, 18.455, 72.477

Tritanomaly
57, 9.301, 34.330

Monochromacy



Original Color
57, 18.055, 84.269

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 6.702, 88.040

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 18.055, 84.269 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, 135, 106)` looks like.

```
.text, #text, p{  
    color:rgb(152, 135, 106)  
}
```

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, 135, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 135, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 18.055, 84.269 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, 135, 106) }
```

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

```
.border{ border-color:rgb(152, 135, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 135, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 135, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 135, 106);  
box-shadow:4px 4px 4px 4px rgb(152, 135,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 18.055, 84.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 135, 106) }
```

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

```
.background{ background-color: rgb(152,  
135, 106) }
```

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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