

Converting Colors

CIELCh(57, 26.211, 83.184)

Have a look what the booklet for
CIELCh(57, 26.211, 83.184) contains.

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Color

CIELCh(57, 26.174, 83.217)

Conversions

Conversions Part 1

Format	Color
Hex	9E865C
RGB	158, 134, 92
RGB Percent	62%, 53%, 36%
CMY	0.3822, 0.4762, 0.6408
CMYK	0.00, 0.15, 0.42, 0.38
HSL	38°, 26%, 49%
HSV	38°, 42%, 62%
XYZ	24.3933, 24.9227, 13.5579
YIQ	136.3880, 27.7860, -7.9740

Conversions

Conversions Part 2

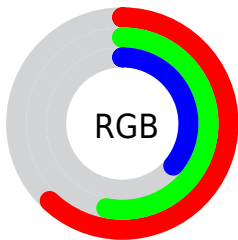
Format	Color
RYB	130, 158, 92
Decimal	10389084
CIELab	57.00, 3.09, 25.99
CIElCh	57, 26.174, 83.217
Yxy	24.9227, 0.3880, 0.3964
Android (android.graphics.Color)	4288579164 (0xFF9E865C)
YUV	136.3880, -21.8833, 18.9537
Hunter-Lab	49.9226, -0.1454, 18.8440

Details

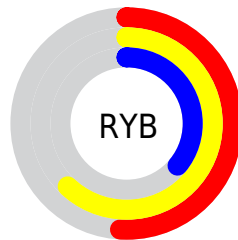
The CIELCh color $57, 26.174, 83.217$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $48, 25.552, 275.698$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 26.059, 82.829$, and $37, 26.366, 83.956$ is the 20% darker color. If you saturate the color by 10%, you get $55, 32.700, 81.829$, and if you desaturate by 10%, it is $59, 19.708, 84.574$.

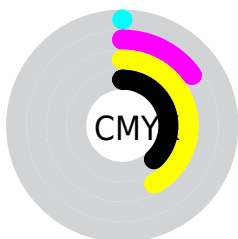
Distribution



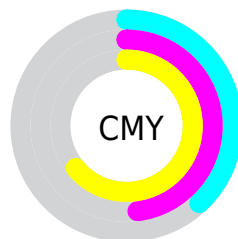
- Red (62%)
- Green (53%)
- Blue (36%)



- Red (51%)
- Yellow (62%)
- Blue (36%)



- Cyan (0%)
- Magenta (15%)
- Yellow (42%)
- Black (38%)



- Cyan (38%)
- Magenta (48%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 26.174, 83.217 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, 26.174, 83.217 by changing the saturation by 10% instead.


 57, 26.174, 83.217

 57, 26.174, 83.217

 100, 26.174,
83.217

 47, 26.174, 83.217

 77, 26.174, 83.217

 37, 26.174, 83.217

 87, 26.174, 83.217

 27, 26.174, 83.217

 97, 26.174, 83.217

 17, 26.174, 83.217

 7, 26.174, 83.217

 0, 26.174, 83.217

 57, 26.174, 83.217

 57, 26.174, 83.217

 55, 32.700, 81.829

 59, 19.708, 84.574

 53, 39.164, 80.378

 61, 13.361, 85.885

■ 52, 45.333, 78.833

■ 63, 7.158, 87.149

■ 50, 50.804, 77.110

■ 65, 1.104, 88.217

■ 49, 54.972, 75.055

■ 67, 4.805, 269.654

■ 47, 57.571, 73.216

■ 69, 10.577,
270.771

■ 71, 16.221,
271.857

■ 73, 21.751,
272.895

■ 75, 27.174,
273.883

Harmonies

Complementary

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



57, 26.174, 83.217



48, 25.552, 275.698

Rectangle

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



57, 26.174, 83.217



57, 26.174, 133.217



57, 26.174, 263.217



57, 26.174, 313.217

Sweetspot

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



57, 26.174, 83.222



79, 9.700, 86.978



47, 30.263, 356.292



41, 6.790, 86.719



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, 26.174, 83.222



70, 38.887, 81.958



63, 36.059, 112.282



33, 3.410, 87.468



43, 53.572, 73.499



3, 4.286, 85.755

Inverse Universe

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



48, 25.552, 275.698



58, 37.885, 277.921



42, 39.944, 299.644



31, 3.399, 269.874



25, 59.151, 294.009



1, 4.514, 270.207

Previews

White Background



This preview shows how the CIELCh color 57, 26.174, 83.217 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, 26.174, 83.217 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, 26.174, 83.217

Background



This preview shows how black text looks on a background with the CIELCh color 57, 26.174, 83.217.



This preview shows how white text looks on a background with the CIELCh color 57, 26.174, 83.217.

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, 26.174, 83.217

Protanopia

57, 25.256, 96.145

Deuteranopia

57, 26.878, 74.174



Tritanopia
57, 14.737, 358.467

Trichromacy



Original Color
57, 26.174, 83.217

Protanomaly
57, 25.715, 92.231

Deuteranomaly
57, 26.562, 77.129

Tritanomaly
57, 13.639, 42.423

Monochromacy



Original Color
57, 26.174, 83.217

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 9.305, 85.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 26.174, 83.217 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(158, 134, 92)` looks like.

```
.text, #text, p{  
    color:rgb(158, 134, 92)  
}
```

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(158, 134, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 134, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 26.174, 83.217 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(158, 134, 92) }
```

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

```
.border{ border-color:rgb(158, 134, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 134, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 134, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 134, 92);  
box-shadow:4px 4px 4px 4px rgb(158, 134,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 26.174, 83.217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 134, 92) }
```

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

```
.background{ background-color: rgb(158,  
134, 92) }
```

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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