

Converting Colors

CIELCh(57, 26.770, 117.196)

Have a look what the booklet for
CIELCh(57, 26.770, 117.196)
contains.

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Color

CIELCh(57, 26.723, 117.226)

Conversions

Conversions Part 1

Format	Color
Hex	838E5F
RGB	131, 142, 95
RGB Percent	51%, 56%, 37%
CMY	0.4870, 0.4439, 0.6281
CMYK	0.08, 0.00, 0.33, 0.44
HSL	74°, 20%, 46%
HSV	74°, 33%, 56%
XYZ	21.0330, 24.9227, 14.4859
YIQ	133.3530, 8.5310, -16.9490

Conversions

Conversions Part 2

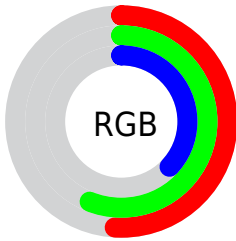
Format	Color
R_{YB}	95, 142, 106
Decimal	8621663
CIE _{Lab}	57.00, -12.23, 23.76
CIE _{LCh}	57, 26.723, 117.226
Yxy	24.9227, 0.3480, 0.4123
Android (android.graphics.Color)	4286811743 (0xFF838E5F)
YUV	133.3530, -18.9080, -2.0636
Hunter-Lab	49.9226, -12.1605, 17.7419

Details

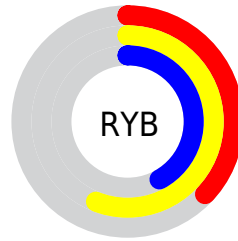
The CIELCh color $57, 26.723, 117.226$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $43, 28.673, 301.834$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 26.847, 117.084$, and $37, 26.774, 117.168$ is the 20% darker color. If you saturate the color by 10%, you get $57, 34.478, 116.628$, and if you desaturate by 10%, it is $58, 18.760, 117.858$.

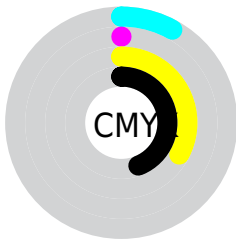
Distribution



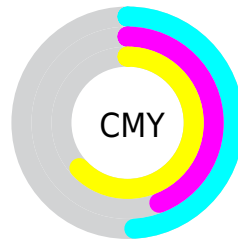
- Red (51%)
- Green (56%)
- Blue (37%)



- Red (37%)
- Yellow (56%)
- Blue (42%)



- Cyan (8%)
- Magenta (0%)
- Yellow (33%)
- Black (44%)





- Cyan (49%)
- Magenta (44%)
- Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 26.723, 117.226 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, 26.723, 117.226 by changing the saturation by 10% instead.


 57, 26.723,
117.226


 57, 26.723,
117.226


 100, 26.723,
117.226

 47, 26.723,
117.226


 77, 26.723,
117.226

 37, 26.723,
117.226

 87, 26.723,
117.226

 27, 26.723,
117.226

 97, 26.723,
117.226

 17, 26.723,
117.226

 7, 26.723, 117.226

 0, 26.723, 117.226

■ 57, 26.723,
117.226

■ 57, 26.723,
117.226

■ 57, 34.478,
116.628

■ 58, 18.760,
117.858

■ 56, 41.884,
116.093

■ 58, 10.680,
118.492

■ 56, 48.737,
115.674

■ 59, 2.547, 119.120

■ 55, 54.755,
115.443

■ 59, 5.596, 299.710

■ 55, 59.589,
115.490

■ 60, 13.718,
300.285

■ 55, 62.925,
115.901

■ 61, 21.795,
300.826

■ 55, 64.727,
116.285

■ 62, 29.811,
301.334

■ 63, 37.753,
301.807

■ 63, 45.611,
302.247

Harmonies

Complementary

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



57, 26.723, 117.226



43, 28.673, 301.834

Rectangle

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



57, 26.723, 117.226



57, 26.723, 167.226



57, 26.723, 297.226



57, 26.723, 347.226

Sweetspot

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



57, 26.724, 117.229



74, 10.041, 118.677



48, 17.362, 42.618



38, 6.825, 118.599



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



57, 26.724, 117.229



72, 39.569, 116.762



55, 30.156, 135.181



30, 4.618, 118.741



52, 62.487, 116.231



2, 3.131, 119.303

Inverse Universe

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



43, 28.673, 301.834



51, 43.302, 302.581



45, 30.786, 318.160



28, 4.707, 299.895



16, 81.629, 307.773



0, 3.131, 299.302

Previews

White Background



This preview shows how the CIE LCh color 57, 26.723, 117.226 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, 26.723, 117.226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

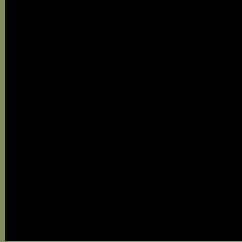
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 26.723, 117.226

Background



This preview shows how black text looks on a background with the CIELCh color 57, 26.723, 117.226.



This preview shows how white text looks on a background with the CIELCh color 57, 26.723, 117.226.

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, 26.723, 117.226

Protanopia
57, 25.256, 96.145

Deuteranopia
57, 23.931, 72.840



Tritanopia
57, 6.407, 301.218

Trichromacy



Original Color
57, 26.723, 117.226

Protanomaly
57, 25.288, 104.190

Deuteranomaly
57, 23.199, 89.869

Tritanomaly
57, 5.748, 117.520

Monochromacy



Original Color
57, 26.723, 117.226

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 9.823, 118.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 26.723, 117.226 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(131, 142, 95)` looks like.

```
.text, #text, p{  
    color:rgb(131, 142, 95)  
}
```

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(131, 142, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 142, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 26.723, 117.226 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(131, 142, 95) }
```

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

```
.border{ border-color:rgb(131, 142, 95) }
```

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

Here you see how a box with a 4 pixel rgb(131, 142, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 142, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 142, 95);  
box-shadow:4px 4px 4px 4px rgb(131, 142,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 26.723, 117.226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 142, 95) }
```

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

```
.background{ background-color: rgb(131,  
142, 95) }
```

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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