

Converting Colors

CIELCh(57, 33.099, 118.115)

Have a look what the booklet for
CIELCh(57, 33.099, 118.115)
contains.

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Color

CIELCh(57, 32.854, 117.811)

Conversions

Conversions Part 1

Format	Color
Hex	808F55
RGB	128, 143, 85
RGB Percent	50%, 56%, 33%
CMY	0.4977, 0.4389, 0.6664
CMYK	0.10, 0.00, 0.41, 0.44
HSL	76°, 25%, 45%
HSV	76°, 41%, 56%
XYZ	20.3923, 24.9227, 12.3463
YIQ	131.9030, 9.6780, -21.2180

Conversions

Conversions Part 2

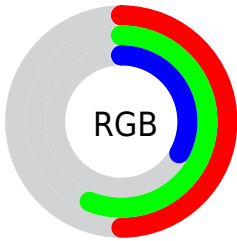
Format	Color
RYB	85, 143, 100
Decimal	8425301
CIELab	57.00, -15.33, 29.06
CIElCh	57, 32.854, 117.811
Yxy	24.9227, 0.3537, 0.4322
Android (android.graphics.Color)	4286615381 (0xFF808F55)
YUV	131.9030, -23.1232, -3.4229
Hunter-Lab	49.9226, -14.4513, 20.2829

Details

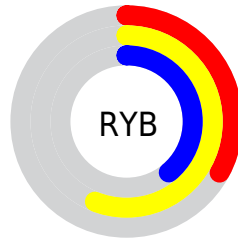
The CIELCh color $57, 32.854, 117.811$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $40, 35.843, 303.326$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 32.737, 117.802$, and $37, 32.979, 117.621$ is the 20% darker color. If you saturate the color by 10%, you get $57, 40.460, 117.281$, and if you desaturate by 10%, it is $58, 24.944, 118.400$.

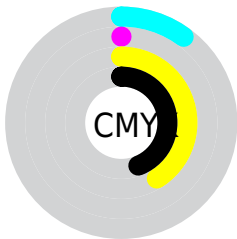
Distribution



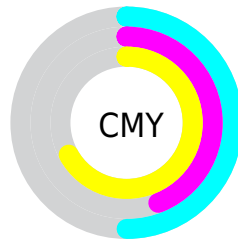
- Red (50%)
- Green (56%)
- Blue (33%)



- Red (33%)
- Yellow (56%)
- Blue (39%)



- Cyan (10%)
- Magenta (0%)
- Yellow (41%)
- Black (44%)





- Cyan (50%)
- Magenta (44%)
- Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 32.854, 117.811 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, 32.854, 117.811 by changing the saturation by 10% instead.


 57, 32.854,
117.811


 57, 32.854,
117.811


 100, 32.854,
117.811


 47, 32.854,
117.811


 77, 32.854,
117.811

 37, 32.854,
117.811

 87, 32.854,
117.811

 27, 32.854,
117.811

 97, 32.854,
117.811

 17, 32.854,
117.811

 7, 32.854, 117.811

 0, 32.854, 117.811

■ 57, 32.854,
117.811

■ 57, 32.854,
117.811

■ 57, 40.460,
117.281

■ 58, 24.944,
118.400

■ 56, 47.571,
116.852

■ 58, 16.851,
119.009

■ 56, 53.924,
116.596

■ 59, 8.663, 119.618

■ 55, 59.182,
116.600

■ 59, 0.437, 120.267

■ 60, 7.786, 300.772

■ 55, 63.004,
116.962

■ 61, 15.976,
301.313

■ 55, 65.576,
117.552

■ 62, 24.112,
301.820

■ 63, 32.179,
302.294

■ 63, 40.164,
302.734

Harmonies

Complementary

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



57, 32.854, 117.811



40, 35.843, 303.326

Rectangle

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



57, 32.854, 117.811



57, 32.854, 167.811



57, 32.854, 297.811



57, 32.854, 347.811

Sweetspot

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



57, 32.855, 117.813



75, 12.222, 119.514



46, 21.866, 44.278



39, 8.170, 119.445



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



57, 32.855, 117.813



72, 48.656, 117.306



55, 37.225, 135.235



30, 4.633, 119.700



52, 62.889, 117.483



2, 3.140, 120.238

Inverse Universe

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



40, 35.843, 303.326



46, 54.465, 304.257



43, 38.085, 318.980



28, 4.720, 300.803



16, 81.325, 308.044



0, 3.141, 300.237

Previews

White Background



This preview shows how the CIELCh color 57, 32.854, 117.811 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, 32.854, 117.811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

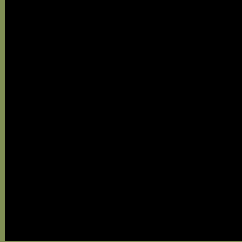
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 32.854, 117.811

Background



This preview shows how black text looks on a background with the CIELCh color 57, 32.854, 117.811.



This preview shows how white text looks on a background with the CIELCh color 57, 32.854, 117.811.

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, 32.854, 117.811

Protanopia
57, 30.717, 96.450

Deuteranopia
57, 28.829, 76.162



Tritanopia
57, 6.281, 290.922

Trichromacy



Original Color
57, 32.854, 117.811

Protanomaly
57, 30.687, 104.841

Deuteranomaly
57, 28.010, 92.113

Tritanomaly
57, 8.869, 124.995

Monochromacy



Original Color
57, 32.854, 117.811

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 12.133, 118.508

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 32.854, 117.811 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(128, 143, 85)` looks like.

```
.text, #text, p{  
    color:rgb(128, 143, 85)  
}
```

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(128, 143, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 143, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 32.854, 117.811 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(128, 143, 85) }
```

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

```
.border{ border-color:rgb(128, 143, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 143, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 143, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 143, 85);  
box-shadow:4px 4px 4px 4px rgb(128, 143,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 32.854, 117.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 143, 85) }
```

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

```
.background{ background-color: rgb(128,  
143, 85) }
```

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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