

Converting Colors

CIELCh(57, 32.930, 121.121)

Have a look what the booklet for
CIELCh(57, 32.930, 121.121)
contains.

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Color

CIELCh(57, 32.714, 120.932)

Conversions

Conversions Part 1

Format	Color
Hex	7D9057
RGB	125, 144, 87
RGB Percent	49%, 56%, 34%
CMY	0.5105, 0.4360, 0.6595
CMYK	0.13, 0.00, 0.40, 0.44
HSL	80°, 25%, 45%
HSV	80°, 40%, 56%
XYZ	20.0898, 24.9227, 12.7320
YIQ	131.8210, 6.9730, -21.7550

Conversions

Conversions Part 2

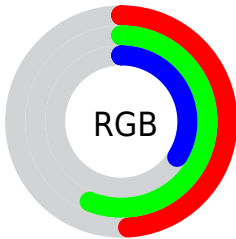
Format	Color
R_{YB}	87, 144, 106
Decimal	8228951
CIE _{Lab}	57.00, -16.82, 28.06
CIE _{LCh}	57, 32.714, 120.932
Yxy	24.9227, 0.3479, 0.4316
Android (android.graphics.Color)	4286419031 (0xFF7D9057)
YUV	131.8210, -22.0968, -5.9820
Hunter-Lab	49.9226, -15.5329, 19.8248

Details

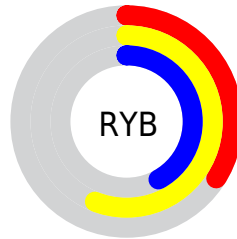
The CIELCh color $57, 32.714, 120.932$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $41, 35.321, 305.627$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 32.663, 121.382$, and $37, 32.941, 120.993$ is the 20% darker color. If you saturate the color by 10%, you get $56, 40.520, 120.455$, and if you desaturate by 10%, it is $58, 24.624, 121.463$.

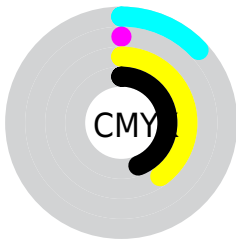
Distribution



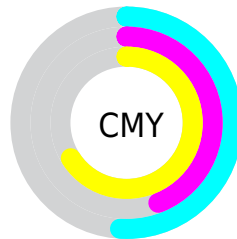
- Red (49%)
- Green (56%)
- Blue (34%)



- Red (34%)
- Yellow (56%)
- Blue (42%)



- Cyan (13%)
- Magenta (0%)
- Yellow (40%)
- Black (44%)





- Cyan (51%)
- Magenta (44%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 32.714, 120.932 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, 32.714, 120.932 by changing the saturation by 10% instead.


 57, 32.714,
120.932


 57, 32.714,
120.932


 100, 32.714,
120.932


 47, 32.714,
120.932


 77, 32.714,
120.932


 37, 32.714,
120.932

 87, 32.714,
120.932

 27, 32.714,
120.932

 97, 32.714,
120.932

 17, 32.714,
120.932

 7, 32.714, 120.932

 0, 32.714, 120.932

■ 57, 32.714,
120.932

■ 57, 32.714,
120.932

■ 56, 40.520,
120.455

■ 58, 24.624,
121.463

■ 56, 47.860,
120.076

■ 58, 16.369,
122.010

■ 55, 54.477,
119.870

■ 59, 8.035, 122.554

■ 55, 60.042,
119.934

■ 60, 0.320, 302.923

■ 61, 8.657, 303.562

■ 55, 64.209,
120.375

■ 61, 16.944,
304.030

■ 54, 67.168,
121.126

■ 62, 25.161,
304.465

■ 54, 67.278,
121.151

■ 63, 33.292,
304.866

■ 64, 41.325,
305.236

Harmonies

Complementary

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



57, 32.714, 120.932



41, 35.321, 305.627

Rectangle

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



57, 32.714, 120.932



57, 32.714, 170.932



57, 32.714, 300.932



57, 32.714, 350.932

Sweetspot

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



57, 32.715, 120.934



74, 12.365, 122.412



48, 20.809, 52.933



39, 8.266, 122.351



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, 32.715, 120.934



72, 48.416, 120.483



55, 37.513, 137.564



30, 4.686, 122.578



51, 64.268, 121.065



2, 3.174, 123.051

Inverse Universe

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



41, 35.321, 305.627



48, 53.448, 306.378



44, 38.004, 321.521



28, 4.767, 303.544



17, 80.289, 309.039



0, 3.174, 303.050

Previews

White Background



This preview shows how the CIELCh color 57, 32.714, 120.932 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, 32.714, 120.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

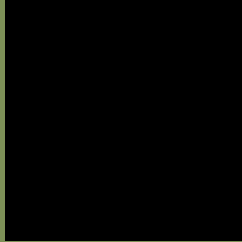
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 32.714, 120.932

Background



This preview shows how black text looks on a background with the CIELCh color 57, 32.714, 120.932.



This preview shows how white text looks on a background with the CIELCh color 57, 32.714, 120.932.

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, 32.714, 120.932

Protanopia
57, 30.185, 96.353

Deuteranopia
57, 27.850, 75.209



Tritanopia
57, 5.874, 275.950

Trichromacy



Original Color
57, 32.714, 120.932

Protanomaly
57, 30.141, 105.720

Deuteranomaly
57, 27.207, 93.761

Tritanomaly
57, 8.766, 133.500

Monochromacy



Original Color
57, 32.714, 120.932

Achromatopsia
55, 0.007, 296.813

Achromatomaly
56, 11.761, 122.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 32.714, 120.932 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(125, 144, 87)` looks like.

```
.text, #text, p{  
    color:rgb(125, 144, 87)  
}
```

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(125, 144, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 144, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 32.714, 120.932 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(125, 144, 87) }
```

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

```
.border{ border-color:rgb(125, 144, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 144, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 144, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 144, 87);  
box-shadow:4px 4px 4px 4px rgb(125, 144,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 32.714, 120.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 144, 87) }
```

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

```
.background{ background-color: rgb(125,  
144, 87) }
```

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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