

Converting Colors

CIELCh(57, 26.548, 1.373)

Have a look what the booklet for
CIELCh(57, 26.548, 1.373) contains.

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Color

CIELCh(57, 26.831, 0.532)

Conversions

Conversions Part 1

Format	Color
Hex	B57789
RGB	181, 119, 137
RGB Percent	71%, 47%, 54%
CMY	0.2891, 0.5323, 0.4618
CMYK	0.00, 0.34, 0.24, 0.29
HSL	343°, 30%, 59%
HSV	343°, 34%, 71%
XYZ	30.2791, 24.9227, 26.9757
YIQ	139.5900, 31.1740, 18.7420

Conversions

Conversions Part 2

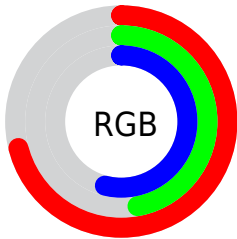
Format	Color
R_{YB}	181, 119, 137
Decimal	11892617
CIE _{Lab}	57.00, 26.83, 0.25
CIE _{LCh}	57, 26.831, 0.532
Yxy	24.9227, 0.3685, 0.3033
Android (android.graphics.Color)	4290082697 (0xFFB57789)
YUV	139.5900, -1.2769, 36.3166
Hunter-Lab	49.9226, 20.8995, 2.9084

Details

The CIELCh color $57, 26.831, 0.532$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $69, 24.164, 173.255$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 26.743, 0.933$, and $37, 27.158, 0.740$ is the 20% darker color. If you saturate the color by 10%, you get $53, 34.965, 2.183$, and if you desaturate by 10%, it is $62, 18.712, 359.161$.

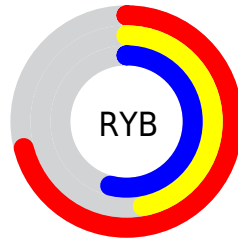
Distribution



Red (71%)

Green (47%)

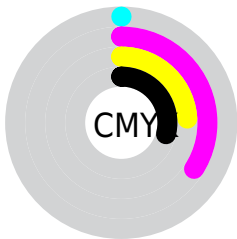
Blue (54%)



Red (71%)

Yellow (47%)

Blue (54%)

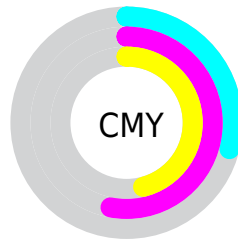


Cyan (0%)

Magenta (34%)

Yellow (24%)

Black (29%)



Cyan (29%)

Magenta (53%)

Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 26.831, 0.532 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, 26.831, 0.532 by changing the saturation by 10% instead.

 57, 26.831, 0.532  57, 26.831, 0.532

 100, 26.831, 0.532  47, 26.831, 0.532

 77, 26.831, 0.532  37, 26.831, 0.532

 87, 26.831, 0.532  27, 26.831, 0.532

 97, 26.831, 0.532  17, 26.831, 0.532

 7, 26.831, 0.532

 0, 26.831, 0.532

 57, 26.831, 0.532  57, 26.831, 0.532

 53, 34.965, 2.183  62, 18.712,
359.161

 49, 42.870, 4.207

45, 50.216, 6.738

67, 10.781,
357.985

42, 56.647, 9.937

72, 3.131, 356.885

40, 61.904, 13.963

77, 4.194, 176.259

39, 65.981, 18.891

82, 11.183,
175.415

38, 68.160, 21.905

87, 17.842,
174.704

92, 24.190,
174.067

95, 25.665,
180.468

95, 23.770,
195.512

Harmonies

Complementary

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



57, 26.831, 0.532



69, 24.164, 173.255

Rectangle

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



57, 26.831, 0.532



57, 26.831, 50.532



57, 26.831, 180.532



57, 26.831, 230.532

Sweetspot

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



57, 26.829, 0.535



87, 9.278, 357.547



56, 38.597, 317.183



45, 6.343, 357.695



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



57, 26.829, 0.535



69, 39.928, 1.735



60, 22.464, 39.282



36, 4.300, 357.459



32, 60.631, 21.158



2, 11.175, 2.324

Inverse Universe

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



57, 26.829, 0.535



69, 39.928, 1.735



66, 17.699, 221.171



36, 4.300, 357.459



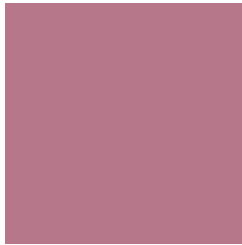
32, 60.631, 21.158



2, 11.175, 2.324

Previews

White Background



This preview shows how the CIELCh color 57, 26.831, 0.532 looks on a white background.

Color Contrast Check

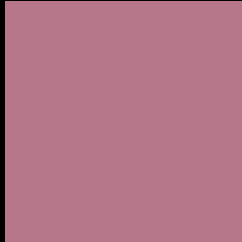
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.831, 0.532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

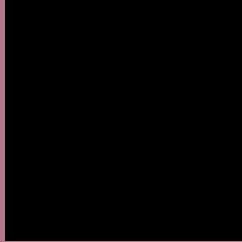
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 26.831, 0.532

Background



This preview shows how black text looks on a background with the CIELCh color 57, 26.831, 0.532.



This preview shows how white text looks on a background with the CIELCh color 57, 26.831, 0.532.

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, 26.831, 0.532

Protanopia

57, 6.298, 294.380

Deuteranopia

57, 7.303, 11.201



Tritanopia
57, 24.733, 10.556

Trichromacy



Original Color
57, 26.831, 0.532

Protanomaly
57, 11.702, 341.447

Deuteranomaly
57, 14.409, 2.705

Tritanomaly
57, 25.436, 5.788

Monochromacy



Original Color
57, 26.831, 0.532

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 9.982, 357.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 26.831, 0.532 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(181, 119, 137)` looks like.

```
.text, #text, p{  
    color:rgb(181, 119, 137)  
}
```

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(181, 119, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 119, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 26.831, 0.532 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(181, 119, 137) }
```

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

```
.border{ border-color:rgb(181, 119, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 119, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 119, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 119, 137); box-shadow:4px 4px 4px 4px rgb(181, 119, 137) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 26.831, 0.532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 119, 137) }
```

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

```
.background{ background-color: rgb(181,  
119, 137) }
```

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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