

Converting Colors

CIELCh(57, 10.185, 0.983)

Have a look what the booklet for
CIELCh(57, 10.185, 0.983) contains.

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Color

CIELCh(57, 10.185, 0.983)

Conversions

Conversions Part 1

Format	Color
Hex	9B8389
RGB	155, 131, 137
RGB Percent	61%, 51%, 54%
CMY	0.3930, 0.4871, 0.4636
CMYK	0.00, 0.15, 0.12, 0.39
HSL	345°, 11%, 56%
HSV	345°, 15%, 61%
XYZ	26.0634, 24.9227, 27.0237
YIQ	138.8600, 12.3780, 6.9540

Conversions

Conversions Part 2

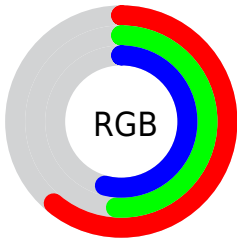
Format	Color
R_YB	155, 131, 137
Decimal	10191753
CIE _{Lab}	57.00, 10.18, 0.17
CIE _{LCh}	57, 10.185, 0.983
Yxy	24.9227, 0.3341, 0.3195
Android (android.graphics.Color)	4288381833 (0xFF9B8389)
YUV	138.8600, -0.9170, 14.1548
Hunter-Lab	49.9226, 5.8261, 2.8515

Details

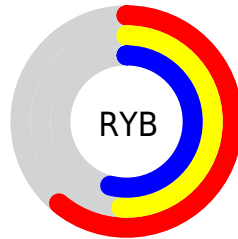
The CIELCh color $57, 10.185, 0.983$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 9.672, 178.157$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 10.286, 2.084$, and $37, 10.056, 3.209$ is the 20% darker color. If you saturate the color by 10%, you get $53, 17.101, 2.183$, and if you desaturate by 10%, it is $61, 3.533, 359.906$.

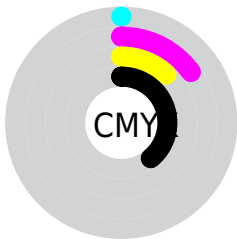
Distribution



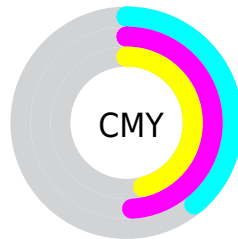
- Red (61%)
- Green (51%)
- Blue (54%)



- Red (61%)
- Yellow (51%)
- Blue (54%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (39%)




- Cyan (39%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 10.185, 0.983 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, 10.185, 0.983 by changing the saturation by 10% instead.

 57, 10.185, 0.983  57, 10.185, 0.983

 100, 10.185, 0.983  47, 10.185, 0.983

 77, 10.185, 0.983  37, 10.185, 0.983

 87, 10.185, 0.983  27, 10.185, 0.983

 97, 10.185, 0.983  17, 10.185, 0.983

 7, 10.185, 0.983

 0, 10.185, 0.983

 57, 10.185, 0.983  57, 10.185, 0.983

 53, 17.101, 2.183  61, 3.533, 359.906

 49, 24.209, 3.590  66, 2.816, 179.291

45, 31.369, 5.293

70, 8.854, 178.420

41, 38.374, 7.393

75, 14.593,
177.714

38, 44.953, 10.025

80, 20.051,
177.087

35, 50.820, 13.343

34, 55.772, 17.479

84, 25.250,
176.522

32, 59.840, 22.425

89, 30.214,
176.008

32, 61.679, 24.623

93, 34.965,
175.537

94, 32.575,
184.750

Harmonies

Complementary

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



57, 10.185, 0.983



62, 9.672, 178.157

Rectangle

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



57, 10.185, 0.983



57, 10.185, 50.983



57, 10.185, 180.983



57, 10.185, 230.983

Sweetspot

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



57, 10.183, 0.989



78, 3.978, 359.859



57, 15.366, 317.935



41, 2.740, 359.935



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, 10.183, 0.989



71, 15.603, 1.431



58, 8.076, 44.752



30, 3.627, 0.311



29, 57.190, 24.082



1, 3.834, 359.825

Inverse Universe

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



57, 10.183, 0.989



71, 15.603, 1.431



60, 7.364, 226.344



30, 3.627, 0.311



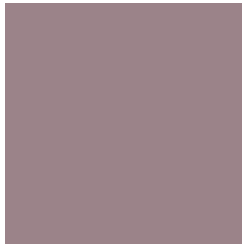
29, 57.190, 24.082



1, 3.834, 359.825

Previews

White Background



This preview shows how the CIELCh color 57, 10.185, 0.983 looks on a white background.

Color Contrast Check

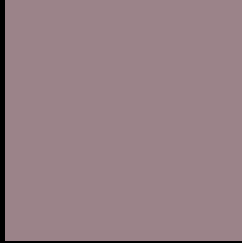
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.185, 0.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

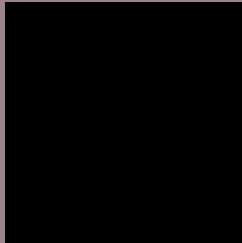
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 10.185, 0.983

Background



This preview shows how black text looks on a background with the CIELCh color 57, 10.185, 0.983.



This preview shows how white text looks on a background with the CIELCh color 57, 10.185, 0.983.

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, 10.185, 0.983

Protanopia

57, 2.426, 309.151

Deuteranopia

57, 7.002, 6.034



Tritanopia
57, 11.437, 350.870

Trichromacy



Original Color
57, 10.185, 0.983

Protanomaly
57, 4.880, 344.142

Deuteranomaly
57, 8.319, 4.436

Tritanomaly
57, 11.185, 353.433

Monochromacy



Original Color
57, 10.185, 0.983

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 3.742, 2.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 10.185, 0.983 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(155, 131, 137)` looks like.

```
.text, #text, p{  
    color:rgb(155, 131, 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(155, 131, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 131, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 10.185, 0.983 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(155, 131, 137) }
```

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

```
.border{ border-color:rgb(155, 131, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 131, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 131, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 131, 137);  
box-shadow:4px 4px 4px 4px rgb(155, 131,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 10.185, 0.983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 131, 137) }
```

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

```
.background{ background-color: rgb(155,  
131, 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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