

Converting Colors

CIELCh(57, 9.970, 10.133)

Have a look what the booklet for
CIELCh(57, 9.970, 10.133) contains.

CIELCh(57, 9.822, 10.473)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(57, 9.822, 10.473)

Conversions

Conversions Part 1

Format	Color
Hex	9B8386
RGB	155, 131, 134
RGB Percent	61%, 51%, 53%
CMY	0.3922, 0.4863, 0.4745
CMYK	0.00, 0.15, 0.14, 0.39
HSL	353°, 11%, 56%
HSV	353°, 15%, 61%
XYZ	25.9372, 24.9227, 25.9981
YIQ	138.5180, 13.3410, 6.0210

Conversions

Conversions Part 2

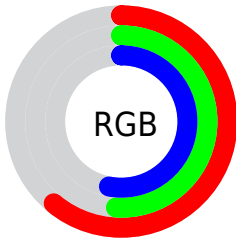
Format	Color
R _Y B	155, 131, 134
Decimal	10191750
CIE Lab	57.00, 9.66, 1.79
CIE LCh	57, 9.822, 10.473
Yxy	24.9227, 0.3375, 0.3243
Android (android.graphics.Color)	4288381830 (0xFF9B8386)
YUV	138.5180, -2.2274, 14.4547
Hunter-Lab	49.9226, 5.3749, 4.0695

Details

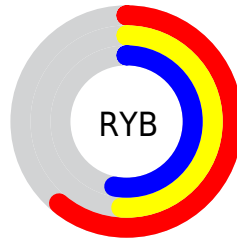
The CIELCh color **57, 9.822, 10.473** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **62, 9.119, 187.954**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 9.954, 10.939**, and **37, 9.777, 13.671** is the 20% darker color. If you saturate the color by 10%, you get **53, 16.642, 11.629**, and if you desaturate by 10%, it is **61, 3.373, 9.459**.

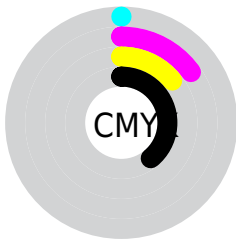
Distribution



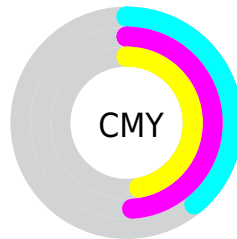
- Red (61%)
- Green (51%)
- Blue (53%)



- Red (61%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (15%)
- Yellow (14%)
- Black (39%)





- Cyan (39%)
- Magenta (49%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 9.822, 10.473 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, 9.822, 10.473 by changing the saturation by 10% instead.

 57, 9.822, 10.473  57, 9.822, 10.473

 100, 9.822, 10.473  47, 9.822, 10.473


 77, 9.822, 10.473  37, 9.822, 10.473

 87, 9.822, 10.473  27, 9.822, 10.473


 97, 9.822, 10.473  17, 9.822, 10.473

 7, 9.822, 10.473

 0, 9.822, 10.473

 57, 9.822, 10.473  57, 9.822, 10.473

 53, 16.642, 11.629  61, 3.373, 9.459

 48, 23.790, 13.024  66, 2.690, 188.964

44, 31.167, 14.755

71, 8.384, 188.179

41, 38.605, 16.936

75, 13.732,
187.574

38, 45.878, 19.693

80, 18.767,
187.053

35, 52.736, 23.143

33, 58.970, 27.308

85, 23.519,
186.595

32, 64.446, 31.934

89, 28.019,
186.186

32, 66.821, 33.788

94, 32.294,
185.823

94, 30.657,
197.530

Harmonies

Complementary

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



57, 9.822, 10.473



62, 9.119, 187.954

Rectangle

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



57, 9.822, 10.473



57, 9.822, 60.473



57, 9.822, 190.473



57, 9.822, 240.473

Sweetspot

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



57, 9.820, 10.481



78, 3.805, 9.416



57, 15.861, 321.465



41, 2.622, 9.488



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, 9.820, 10.481



71, 15.095, 10.904



59, 7.934, 58.409



30, 3.480, 9.843



28, 61.810, 33.325



1, 3.661, 9.302

Inverse Universe

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



57, 9.820, 10.481



71, 15.095, 10.904



60, 7.389, 241.499



30, 3.480, 9.843



28, 61.810, 33.325



1, 3.661, 9.302

Previews

White Background



This preview shows how the CIELCh color 57, 9.822, 10.473 looks on a white background.

Color Contrast Check

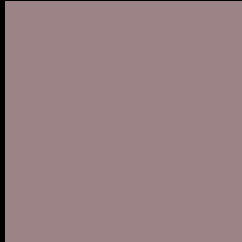
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.822, 10.473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

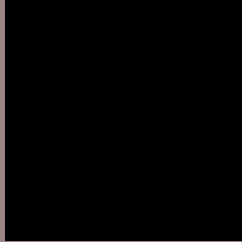
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 9.822, 10.473

Background



This preview shows how black text looks on a background with the CIELCh color 57, 9.822, 10.473.



This preview shows how white text looks on a background with the CIELCh color 57, 9.822, 10.473.

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, 9.822, 10.473

Protanopia

57, 1.319, 353.611

Deuteranopia

57, 7.717, 11.730



Tritanopia
57, 11.786, 351.899

Trichromacy



Original Color
57, 9.822, 10.473

Protanomaly
57, 4.521, 5.230

Deuteranomaly
57, 8.122, 12.205

Tritanomaly
57, 11.327, 357.017

Monochromacy



Original Color
57, 9.822, 10.473

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 3.613, 10.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 9.822, 10.473 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, 134)` looks like.

```
.text, #text, p{  
    color:rgb(155, 131, 134)  
}
```

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, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 131, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 9.822, 10.473 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, 134) }
```

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

```
.border{ border-color:rgb(155, 131, 134) }
```

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, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 131, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 131, 134);  
box-shadow:4px 4px 4px 4px rgb(155, 131,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 9.822, 10.473 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, 134) }
```

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

```
.background{ background-color: rgb(155,  
131, 134) }
```

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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