

Converting Colors

CIELCh(51, 18.179, 55.359)

Have a look what the booklet for
CIELCh(51, 18.179, 55.359) contains.

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Color

CIELCh(51, 18.143, 55.374)

Conversions

Conversions Part 1

Format	Color
Hex	947361
RGB	148, 115, 97
RGB Percent	58%, 45%, 38%
CMY	0.4214, 0.5507, 0.6213
CMYK	0.00, 0.22, 0.35, 0.42
HSL	21°, 21%, 48%
HSV	21°, 35%, 58%
XYZ	20.3464, 19.2686, 13.8518
YIQ	122.8150, 25.4460, 1.3980

Conversions

Conversions Part 2

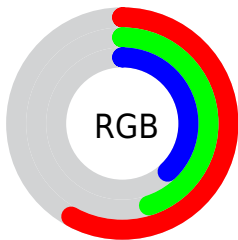
Format	Color
R_{YB}	148, 125, 97
Decimal	9728865
CIE _{Lab}	51.00, 10.31, 14.93
CIE _{LCh}	51, 18.143, 55.374
Yxy	19.2686, 0.3805, 0.3604
Android (android.graphics.Color)	4287918945 (0xFF947361)
YUV	122.8150, -12.7268, 22.0872
Hunter-Lab	43.8960, 5.9191, 12.0177

Details

The CIELCh color $51, 18.143, 55.374$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $52, 15.140, 242.436$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 18.033, 55.014$, and $31, 17.928, 54.958$ is the 20% darker color. If you saturate the color by 10%, you get $48, 24.231, 54.712$, and if you desaturate by 10%, it is $54, 12.447, 56.111$.

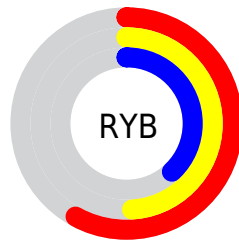
Distribution



Red (58%)

Green (45%)

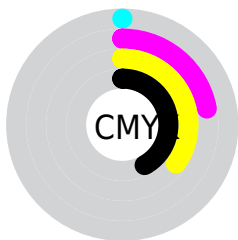
Blue (38%)



Red (58%)

Yellow (49%)

Blue (38%)

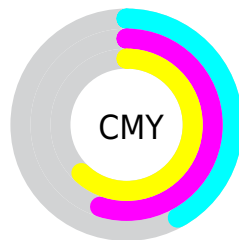


Cyan (0%)

Magenta (22%)

Yellow (35%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 18.143, 55.374 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 51, 18.143, 55.374 by changing the saturation by 10% instead.

■ 51, 18.143, 55.374

■ 51, 18.143, 55.374

■ 100, 18.143,
55.374

■ 41, 18.143, 55.374

■ 71, 18.143, 55.374

■ 31, 18.143, 55.374

■ 81, 18.143, 55.374

■ 21, 18.143, 55.374

■ 91, 18.143, 55.374

■ 11, 18.143, 55.374

■ 1, 18.143, 55.374

■ 0, 18.143, 55.374

■ 51, 18.143, 55.374

■ 51, 18.143, 55.374

■ 48, 24.231, 54.712

■ 54, 12.447, 56.111

■ 46, 30.708, 54.114

■ 57, 7.126, 56.880

43, 37.520, 53.578

60, 2.150, 57.585

41, 44.518, 53.048

63, 2.514, 238.762

38, 51.359, 52.375

66, 6.900, 239.525

36, 57.375, 51.250

69, 11.041,
240.362

35, 60.695, 50.894

72, 14.965,
241.201

75, 18.700,
242.029

78, 22.269,
242.838

Harmonies

Complementary

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



51, 18.143, 55.374



52, 15.140, 242.436

Rectangle

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



51, 18.143, 55.374



51, 18.143, 105.374



51, 18.143, 235.374



51, 18.143, 285.374

Sweetspot

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



51, 18.143, 55.381



74, 5.968, 57.212



47, 27.797, 339.013



39, 4.121, 57.116



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



51, 18.143, 55.381



63, 27.302, 54.886



58, 24.539, 99.487



30, 2.724, 57.286



33, 57.542, 51.085



1, 2.320, 58.137

Inverse Universe

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



52, 15.140, 242.436



65, 21.786, 243.797



45, 25.894, 287.977



30, 2.614, 239.088



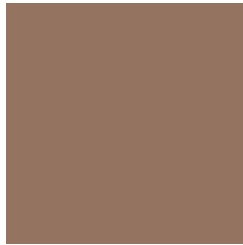
36, 33.458, 263.983



1, 2.321, 238.154

Previews

White Background



This preview shows how the CIELCh color 51, 18.143, 55.374 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 51, 18.143, 55.374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

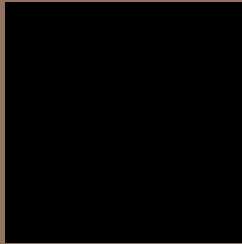
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 18.143, 55.374

Background



This preview shows how black text looks on a background with the CIELCh color 51, 18.143, 55.374.



This preview shows how white text looks on a background with the CIELCh color 51, 18.143, 55.374.

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


51, 18.143, 55.374

Protanopia

51, 12.650, 92.794

Deuteranopia

51, 16.577, 66.913



Tritanopia
51, 16.909, 3.648

Trichromacy



Original Color
51, 18.143, 55.374

Protanomaly
51, 13.818, 76.302

Deuteranomaly
51, 17.136, 62.480

Tritanomaly
51, 15.760, 23.330

Monochromacy



Original Color
51, 18.143, 55.374

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 6.089, 54.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 18.143, 55.374 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(148, 115, 97)` looks like.

```
.text, #text, p{  
    color:rgb(148, 115, 97)  
}
```

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(148, 115, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 115, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 18.143, 55.374 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(148, 115, 97) }
```

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

```
.border{ border-color:rgb(148, 115, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 115, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 115, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 115, 97);  
box-shadow:4px 4px 4px 4px rgb(148, 115,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 18.143, 55.374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 115, 97) }
```

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

```
.background{ background-color: rgb(148,  
115, 97) }
```

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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