

Converting Colors

CIELCh(51, 14.189, 27.981)

Have a look what the booklet for
CIELCh(51, 14.189, 27.981) contains.

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Color

CIELCh(51, 14.162, 27.971)

Conversions

Conversions Part 1

Format	Color
Hex	93726F
RGB	147, 114, 111
RGB Percent	58%, 45%, 44%
CMY	0.4249, 0.5543, 0.5660
CMYK	0.00, 0.22, 0.25, 0.42
HSL	5°, 14%, 50%
HSV	5°, 25%, 58%
XYZ	20.7984, 19.2686, 17.5652
YIQ	123.5250, 20.6310, 6.0630

Conversions

Conversions Part 2

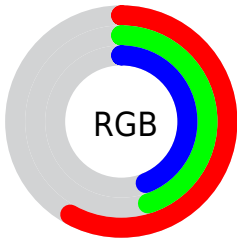
Format	Color
R_{YB}	147, 114, 111
Decimal	9663087
CIE _{Lab}	51.00, 12.51, 6.64
CIE _{LCh}	51, 14.162, 27.971
Yxy	19.2686, 0.3609, 0.3343
Android (android.graphics.Color)	4287853167 (0xFF93726F)
YUV	123.5250, -6.1748, 20.5876
Hunter-Lab	43.8960, 7.7570, 7.0020

Details

The CIELCh color **51, 14.162, 27.971** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **57, 12.009, 206.557**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 14.276, 27.115**, and **31, 14.390, 29.221** is the 20% darker color. If you saturate the color by 10%, you get **47, 20.734, 28.733**, and if you desaturate by 10%, it is **55, 8.059, 27.416**.

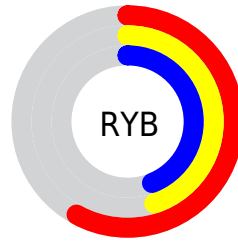
Distribution



Red (58%)

Green (45%)

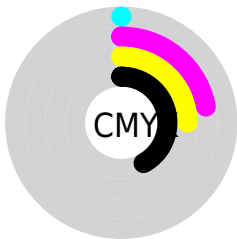
Blue (44%)



Red (58%)

Yellow (45%)

Blue (44%)

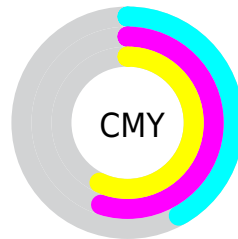


Cyan (0%)

Magenta (22%)

Yellow (25%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 14.162, 27.971 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, 14.162, 27.971 by changing the saturation by 10% instead.

■ 51, 14.162, 27.971

■ 51, 14.162, 27.971

■ 100, 14.162,
27.971

■ 41, 14.162, 27.971

■ 71, 14.162, 27.971

■ 31, 14.162, 27.971

■ 81, 14.162, 27.971

■ 21, 14.162, 27.971

■ 91, 14.162, 27.971

■ 11, 14.162, 27.971

■ 1, 14.162, 27.971

■ 0, 14.162, 27.971

■ 51, 14.162, 27.971

■ 51, 14.162, 27.971

■ 47, 20.734, 28.733

■ 55, 8.059, 27.416

■ 44, 27.766, 29.751

■ 59, 2.416, 26.908

40, 35.196, 31.100

63, 2.801, 206.990

37, 42.907, 32.839

67, 7.629, 206.721

35, 50.689, 34.976

71, 12.110,
206.599

33, 58.166, 37.367

75, 16.284,
206.541

31, 64.539, 39.508

30, 67.417, 40.654

80, 20.188,
206.525

84, 23.854,
206.541

88, 27.313,
206.579

Harmonies

Complementary

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



51, 14.162, 27.971



57, 12.009, 206.557

Rectangle

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



51, 14.162, 27.971



51, 14.162, 77.971



51, 14.162, 207.971



51, 14.162, 257.971

Sweetspot

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



51, 14.161, 27.978



74, 4.680, 27.063



51, 23.641, 328.136



39, 3.071, 27.088



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, 14.161, 27.978



63, 21.209, 28.332



56, 13.591, 80.770



29, 3.088, 27.163



28, 63.994, 40.404



1, 2.610, 26.953

Inverse Universe

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



57, 12.009, 206.557



72, 17.309, 206.528



52, 13.159, 267.487



31, 2.915, 206.832



48, 28.676, 210.528



2, 2.610, 206.972

Previews

White Background



This preview shows how the CIELCh color 51, 14.162, 27.971 looks on a white background.

Color Contrast Check

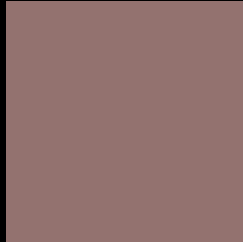
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 14.162, 27.971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

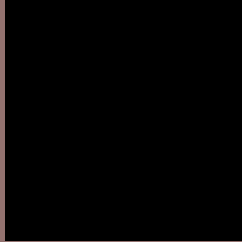
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 14.162, 27.971

Background



This preview shows how black text looks on a background with the CIELCh color 51, 14.162, 27.971.



This preview shows how white text looks on a background with the CIELCh color 51, 14.162, 27.971.

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, 14.162, 27.971

Protanopia

51, 3.839, 84.400

Deuteranopia

51, 9.802, 44.620



Tritanopia
51, 15.690, 2.017

Trichromacy



Original Color
51, 14.162, 27.971

Protanomaly
51, 6.904, 44.773

Deuteranomaly
51, 11.202, 38.487

Tritanomaly
51, 14.774, 12.216

Monochromacy



Original Color
51, 14.162, 27.971

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 4.944, 26.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 14.162, 27.971 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(147, 114, 111)` looks like.

```
.text, #text, p{  
    color:rgb(147, 114, 111)  
}
```

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(147, 114, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 114, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 14.162, 27.971 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(147, 114, 111) }
```

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

```
.border{ border-color:rgb(147, 114, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 114, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 114, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 114, 111);  
box-shadow:4px 4px 4px 4px rgb(147, 114,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 14.162, 27.971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 114, 111) }
```

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

```
.background{ background-color: rgb(147,  
114, 111) }
```

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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