

Converting Colors

CIELCh(51, 4.123, 94.863)

Have a look what the booklet for
CIELCh(51, 4.123, 94.863) contains.

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Color

CIELCh(51, 4.238, 92.726)

Conversions

Conversions Part 1

Format	Color
Hex	7C7972
RGB	124, 121, 114
RGB Percent	49%, 47%, 45%
CMY	0.5126, 0.5244, 0.5519
CMYK	0.00, 0.02, 0.08, 0.51
HSL	42°, 4%, 47%
HSV	42°, 8%, 49%
XYZ	18.2759, 19.2686, 18.7572
YIQ	121.0990, 4.0350, -1.5410

Conversions

Conversions Part 2

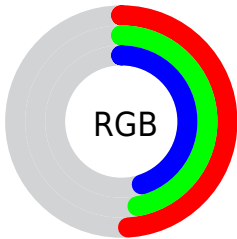
Format	Color
R_{YB}	118, 124, 114
Decimal	8157554
CIE Lab	51.00, -0.20, 4.23
CIE LCh	51, 4.238, 92.726
Yxy	19.2686, 0.3246, 0.3422
Android (android.graphics.Color)	4286347634 (0xFF7C7972)
YUV	121.0990, -3.4998, 2.5442
Hunter-Lab	43.8960, -2.5004, 5.3920

Details

The CIELCh color $51, 4.238, 92.726$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $49, 4.254, 274.725$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 4.091, 87.803$, and $31, 4.525, 97.774$ is the 20% darker color. If you saturate the color by 10%, you get $50, 9.593, 91.566$, and if you desaturate by 10%, it is $52, 1.027, 274.088$.

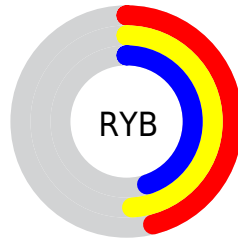
Distribution



Red (49%)

Green (47%)

Blue (45%)



Red (46%)

Yellow (49%)

Blue (45%)

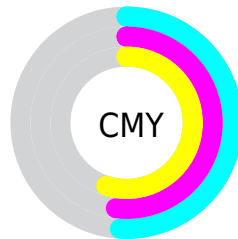


Cyan (0%)

Magenta (2%)

Yellow (8%)

Black (51%)



Cyan (51%)

Magenta (52%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 4.238, 92.726 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, 4.238, 92.726 by changing the saturation by 10% instead.

■ 51, 4.238, 92.726 ■ 51, 4.238, 92.726

■ 100, 4.238, 92.726 ■ 41, 4.238, 92.726

■ 71, 4.238, 92.726 ■ 31, 4.238, 92.726

■ 81, 4.238, 92.726 ■ 21, 4.238, 92.726

■ 91, 4.238, 92.726 ■ 11, 4.238, 92.726

■ 1, 4.238, 92.726

■ 0, 4.238, 92.726

■ 51, 4.238, 92.726 ■ 51, 4.238, 92.726

■ 50, 9.593, 91.566 ■ 52, 1.027, 274.088

■ 48, 15.026, 90.335 ■ 54, 6.203, 275.075

47, 20.518, 89.065

55, 11.292,
276.130

46, 26.023, 87.760

57, 16.299,
277.143

44, 31.455, 86.416

43, 36.659, 85.017

58, 21.228,
278.110

42, 41.375, 83.527

60, 26.086,
279.029

41, 45.202, 81.869

40, 48.108, 80.055

61, 30.876,
279.900

63, 35.604,
280.726

64, 40.274,
281.507

Harmonies

Complementary

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



51, 4.238, 92.726



49, 4.254, 274.725

Rectangle

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



51, 4.238, 92.726



51, 4.238, 142.726



51, 4.238, 272.726



51, 4.238, 322.726

Sweetspot

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



51, 4.239, 92.744



66, 1.287, 93.336



49, 4.448, 356.610



35, 0.737, 93.342



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



51, 4.239, 92.744



64, 6.511, 92.494



52, 5.852, 117.476



25, 2.932, 92.630



40, 48.924, 79.720



77, 82.139, 78.261

Inverse Universe

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



49, 4.254, 274.725



62, 6.532, 275.003



49, 5.955, 298.535



24, 2.942, 274.851



19, 58.643, 297.186



42, 104.209, 299.016

Previews

White Background



This preview shows how the CIELCh color 51, 4.238, 92.726 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, 4.238, 92.726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

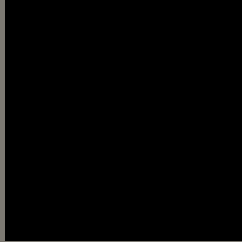
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

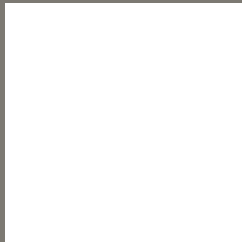
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 4.238, 92.726

Background



This preview shows how black text looks on a background with the CIELCh color 51, 4.238, 92.726.



This preview shows how white text looks on a background with the CIELCh color 51, 4.238, 92.726.

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, 4.238, 92.726

Protanopia

51, 4.374, 87.528

Deuteranopia

51, 7.994, 28.553



Tritanopia
51, 6.487, 316.023

Trichromacy



Original Color
51, 4.238, 92.726

Protanomaly
51, 4.374, 87.528

Deuteranomaly
51, 5.863, 43.151

Tritanomaly
51, 3.091, 330.694

Monochromacy



Original Color
51, 4.238, 92.726

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 1.222, 90.701

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 51, 4.238, 92.726 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(124, 121, 114)` looks like.

```
.text, #text, p{  
    color:rgb(124, 121, 114)  
}
```

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(124, 121, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 121, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 4.238, 92.726 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(124, 121, 114) }
```

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

```
.border{ border-color:rgb(124, 121, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 121, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 121, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 121, 114);  
box-shadow:4px 4px 4px 4px rgb(124, 121,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 4.238, 92.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 121, 114) }
```

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

```
.background{ background-color: rgb(124,  
121, 114) }
```

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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