

Converting Colors

CIELCh(51, 7.151, 59.222)

Have a look what the booklet for
CIELCh(51, 7.151, 59.222) contains.

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Color

CIELCh(51, 7.167, 60.072)

Conversions

Conversions Part 1

Format	Color
Hex	84776F
RGB	132, 119, 111
RGB Percent	52%, 47%, 44%
CMY	0.4821, 0.5331, 0.5645
CMYK	0.00, 0.10, 0.16, 0.48
HSL	23°, 9%, 48%
HSV	23°, 16%, 52%
XYZ	19.0030, 19.2686, 17.7747
YIQ	121.9750, 10.3160, 0.2680

Conversions

Conversions Part 2

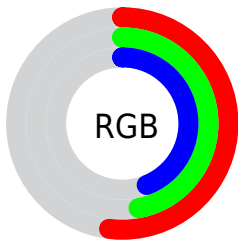
Format	Color
R_{YB}	132, 124, 111
Decimal	8681327
CIE Lab	51.00, 3.58, 6.21
CIE LCh	51, 7.167, 60.072
Yxy	19.2686, 0.3391, 0.3438
Android (android.graphics.Color)	4286871407 (0xFF84776F)
YUV	121.9750, -5.4107, 8.7919
Hunter-Lab	43.8960, 0.4561, 6.7191

Details

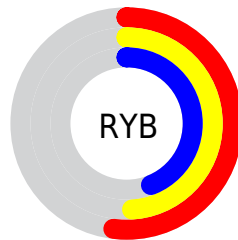
The CIELCh color $51, 7.167, 60.072$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 6.691, 243.363$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 6.958, 58.332$, and $31, 7.244, 64.134$ is the 20% darker color. If you saturate the color by 10%, you get $48, 12.056, 59.216$, and if you desaturate by 10%, it is $54, 2.577, 60.918$.

Distribution



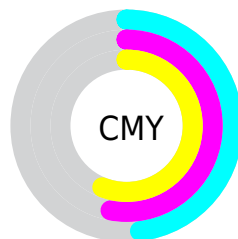
- Red (52%)
- Green (47%)
- Blue (44%)



- Red (52%)
- Yellow (49%)
- Blue (44%)



- Cyan (0%)
- Magenta (10%)
- Yellow (16%)
- Black (48%)



- Cyan (48%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 7.167, 60.072 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, 7.167, 60.072 by changing the saturation by 10% instead.

■ 51, 7.167, 60.072 ■ 51, 7.167, 60.072

■ 100, 7.167, 60.072 ■ 41, 7.167, 60.072

■ 71, 7.167, 60.072 ■ 31, 7.167, 60.072

■ 81, 7.167, 60.072 ■ 21, 7.167, 60.072

■ 91, 7.167, 60.072 ■ 11, 7.167, 60.072

■ 1, 7.167, 60.072

■ 0, 7.167, 60.072

■ 51, 7.167, 60.072 ■ 51, 7.167, 60.072

■ 48, 12.056, 59.216 ■ 54, 2.577, 60.918

■ 46, 17.266, 58.373 ■ 56, 1.743, 242.169

43, 22.812, 57.575

59, 5.821, 242.962

41, 28.682, 56.827

62, 9.685, 243.860

39, 34.821, 56.114

64, 13.359,
244.757

37, 41.084, 55.374

67, 16.868,
245.638

35, 47.141, 54.456

33, 52.541, 53.198

70, 20.229,
246.496

32, 54.898, 52.946

72, 23.463,
247.327

75, 26.583,
248.130

Harmonies

Complementary

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



51, 7.167, 60.072



51, 6.691, 243.363

Rectangle

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



51, 7.167, 60.072



51, 7.167, 110.072



51, 7.167, 240.072



51, 7.167, 290.072

Sweetspot

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



51, 7.167, 60.087



68, 2.687, 60.970



49, 11.510, 338.233



36, 1.851, 60.931



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



51, 7.167, 60.087



64, 10.688, 59.779



54, 10.498, 102.470



27, 2.496, 60.667



32, 54.230, 52.978



0, 0.583, 61.587

Inverse Universe

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



51, 6.691, 243.363



64, 9.809, 243.812



48, 10.755, 285.963



27, 2.405, 242.601



33, 33.689, 268.003



0, 0.584, 241.604

Previews

White Background



This preview shows how the CIELCh color 51, 7.167, 60.072 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, 7.167, 60.072 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, 7.167, 60.072

Background



This preview shows how black text looks on a background with the CIELCh color 51, 7.167, 60.072.



This preview shows how white text looks on a background with the CIELCh color 51, 7.167, 60.072.

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, 7.167, 60.072

Protanopia

51, 5.611, 87.806

Deuteranopia

51, 9.144, 42.514



Tritanopia
51, 8.628, 343.073

Trichromacy



Original Color
51, 7.167, 60.072

Protanomaly
51, 5.707, 73.910

Deuteranomaly
51, 8.242, 49.464

Tritanomaly
51, 6.360, 4.222

Monochromacy



Original Color
51, 7.167, 60.072

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 2.667, 60.155

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 7.167, 60.072 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(132, 119, 111)` looks like.

```
.text, #text, p{  
    color:rgb(132, 119, 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(132, 119, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 119, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 7.167, 60.072 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(132, 119, 111) }
```

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

```
.border{ border-color:rgb(132, 119, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 119, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 119, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 119, 111);  
box-shadow:4px 4px 4px 4px rgb(132, 119,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 7.167, 60.072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 119, 111) }
```

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

```
.background{ background-color: rgb(132,  
119, 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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