

Converting Colors

CIELCh(51, 13.768, 289.533)

Have a look what the booklet for
CIELCh(51, 13.768, 289.533)
contains.

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Color

CIELCh(51, 13.424, 288.727)

Conversions

Conversions Part 1

Format	Color
Hex	76788F
RGB	118, 120, 143
RGB Percent	46%, 47%, 56%
CMY	0.5372, 0.5294, 0.4392
CMYK	0.17, 0.16, 0.00, 0.44
HSL	235°, 10%, 51%
HSV	235°, 17%, 56%
XYZ	19.1465, 19.2686, 28.6975
YIQ	122.0240, -8.5750, 6.7290

Conversions

Conversions Part 2

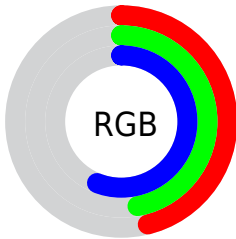
Format	Color
R_{YB}	118, 120, 143
Decimal	7764111
CIE _{Lab}	51.00, 4.31, -12.71
CIE _{LCh}	51, 13.424, 288.727
Yxy	19.2686, 0.2853, 0.2871
Android (android.graphics.Color)	4285954191 (0xFF76788F)
YUV	122.0240, 10.3412, -3.5290
Hunter-Lab	43.8960, 1.0398, -8.0343

Details

The CIELCh color $51, 13.424, 288.727$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $58, 12.998, 104.995$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 13.671, 288.565$, and $31, 13.400, 287.603$ is the 20% darker color. If you saturate the color by 10%, you get $46, 21.493, 290.115$, and if you desaturate by 10%, it is $56, 5.646, 287.541$.

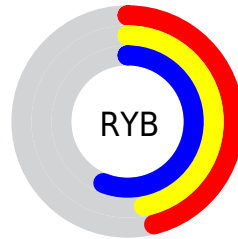
Distribution



Red (46%)

Green (47%)

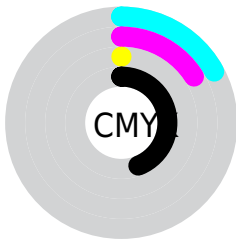
Blue (56%)



Red (46%)

Yellow (47%)

Blue (56%)

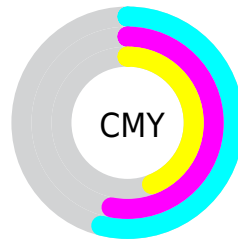


Cyan (17%)

Magenta (16%)

Yellow (0%)

Black (44%)



Cyan (54%)


Magenta (53%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 13.424, 288.727 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, 13.424, 288.727 by changing the saturation by 10% instead.


 51, 13.424,
288.727


 51, 13.424,
288.727


 100, 13.424,
288.727


 41, 13.424,
288.727


 71, 13.424,
288.727

 31, 13.424,
288.727

 81, 13.424,
288.727

 21, 13.424,
288.727

 91, 13.424,
288.727

 11, 13.424,
288.727

 1, 13.424, 288.727

 0, 13.424, 288.727

■ 51, 13.424,
288.727

■ 51, 13.424,
288.727

■ 46, 21.493,
290.115

■ 56, 5.646, 287.541

■ 41, 29.881,
291.739

■ 61, 1.858, 106.467

■ 65, 9.111, 105.624

■ 37, 38.604,
293.618

■ 70, 16.129,
104.873

■ 32, 47.650,
295.753

■ 75, 22.926,
104.220

■ 27, 56.927,
298.099

■ 79, 29.517,
103.650

■ 23, 66.155,
300.532

■ 84, 35.912,
103.151

■ 20, 74.712,
302.830

■ 89, 42.123,
102.712

■ 17, 81.611,

304.660

■ 93, 48.161,
102.324

■ 17, 82.992,
304.980

Harmonies

Complementary

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



51, 13.424, 288.727



58, 12.998, 104.995

Rectangle

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



51, 13.424, 288.727



51, 13.424, 338.727



51, 13.424, 108.727



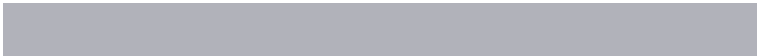
51, 13.424, 158.727

Sweetspot

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



51, 13.423, 288.724



73, 4.663, 287.291



57, 9.468, 191.297



38, 3.209, 287.356



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



51, 13.423, 288.724



63, 20.139, 289.249



51, 15.164, 306.975



28, 4.268, 287.728



15, 79.418, 304.896



0, 2.841, 286.751

Inverse Universe

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



52, 10.384, 14.211



65, 15.668, 14.629



58, 14.755, 125.281



28, 3.259, 13.411



27, 61.642, 35.535



0, 2.139, 12.774

Previews

White Background



This preview shows how the CIELCh color 51, 13.424, 288.727 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, 13.424, 288.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

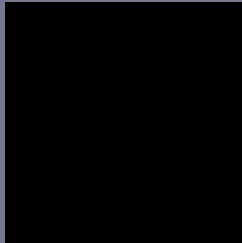
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

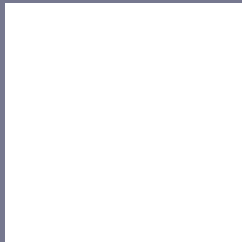
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 13.424, 288.727

Background



This preview shows how black text looks on a background with the CIELCh color 51, 13.424, 288.727.



This preview shows how white text looks on a background with the CIELCh color 51, 13.424, 288.727.

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, 13.424, 288.727

Protanopia

51, 13.442, 287.166

Deuteranopia

51, 14.117, 298.008



Tritanopia
51, 6.218, 269.258

Trichromacy



Original Color

51, 13.424, 288.727

Protanomaly

51, 13.442, 287.166

Deuteranomaly

51, 14.049, 294.983

Tritanomaly

51, 8.846, 281.456

Monochromacy



Original Color

51, 13.424, 288.727

Achromatopsia

51, 0.007, 296.813

Achromatomaly

51, 5.249, 290.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 13.424, 288.727 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(118, 120, 143)` looks like.

```
.text, #text, p{  
    color:rgb(118, 120, 143)  
}
```

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(118, 120, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 120, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 13.424, 288.727 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(118, 120, 143) }
```

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

```
.border{ border-color:rgb(118, 120, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 120, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 120, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 120, 143);  
box-shadow:4px 4px 4px 4px rgb(118, 120,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 13.424, 288.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 120, 143) }
```

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

```
.background{ background-color: rgb(118,  
120, 143) }
```

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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