

Converting Colors

CIELCh(51, 15.862, 322.968)

Have a look what the booklet for
CIELCh(51, 15.862, 322.968)
contains.

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Color

CIELCh(51, 15.744, 322.863)

Conversions

Conversions Part 1

Format	Color
Hex	88738A
RGB	136, 115, 138
RGB Percent	53%, 45%, 54%
CMY	0.4674, 0.5497, 0.4595
CMYK	0.01, 0.17, 0.00, 0.46
HSL	295°, 9%, 50%
HSV	295°, 17%, 54%
XYZ	20.8073, 19.2686, 26.5970
YIQ	123.9010, 5.1330, 11.6050

Conversions

Conversions Part 2

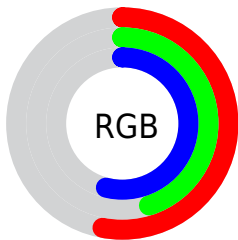
Format	Color
R_{YB}	136, 115, 138
Decimal	8942474
CIE _{Lab}	51.00, 12.55, -9.51
CIE _{LCh}	51, 15.744, 322.863
Yxy	19.2686, 0.3121, 0.2890
Android (android.graphics.Color)	4287132554 (0xFF88738A)
YUV	123.9010, 6.9508, 10.6108
Hunter-Lab	43.8960, 7.7935, -5.1971

Details

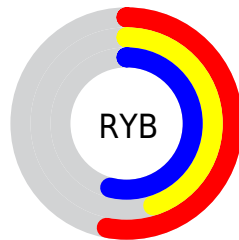
The CIELCh color $51, 15.744, 322.863$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 15.685, 141.197$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 15.459, 322.783$, and $31, 15.567, 322.911$ is the 20% darker color. If you saturate the color by 10%, you get $47, 25.248, 323.341$, and if you desaturate by 10%, it is $55, 6.268, 322.367$.

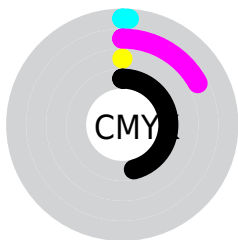
Distribution



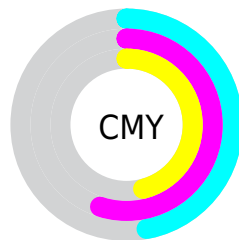
- Red (53%)
- Green (45%)
- Blue (54%)



- Red (53%)
- Yellow (45%)
- Blue (54%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (46%)





- Cyan (47%)
- Magenta (55%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 15.744, 322.863 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, 15.744, 322.863 by changing the saturation by 10% instead.


 51, 15.744,
322.863


 51, 15.744,
322.863


 100, 15.744,
322.863


 41, 15.744,
322.863


 71, 15.744,
322.863

 31, 15.744,
322.863

 81, 15.744,
322.863

 21, 15.744,
322.863

 91, 15.744,
322.863

 11, 15.744,
322.863

 1, 15.744, 322.863

 0, 15.744, 322.863

51, 15.744,
322.863

51, 15.744,
322.863

47, 25.248,
323.341

55, 6.268, 322.367

44, 34.629,
323.797

59, 3.071, 141.983

41, 43.664,
324.216

63, 12.210,
141.482

38, 52.063,
324.575

67, 21.112,
141.038

35, 59.477,
324.850

71, 29.760,
140.621

33, 65.537,
325.017

75, 38.149,
140.230


31, 69.939,
325.054


79, 46.282,
139.866

30, 72.695,

83, 54.167,
139.528

324.962

 87, 61.815,
139.215

 30, 73.523,
324.927

Harmonies

Complementary

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



51, 15.744, 322.863



55, 15.685, 141.197

Rectangle

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



51, 15.744, 322.863



51, 15.744, 12.863



51, 15.744, 142.863



51, 15.744, 192.863

Sweetspot

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



51, 15.742, 322.863



70, 5.786, 322.283



50, 12.141, 287.698



36, 3.934, 322.316



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



51, 15.742, 322.863



63, 23.345, 323.044



51, 12.225, 339.862



27, 5.297, 322.493



29, 71.494, 324.938



0, 2.443, 322.076

Inverse Universe

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



51, 9.594, 13.575



63, 14.377, 13.967



55, 12.075, 157.366



27, 3.164, 12.849



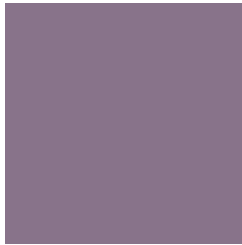
27, 60.489, 35.090



0, 1.428, 12.206

Previews

White Background



This preview shows how the CIELCh color 51, 15.744, 322.863 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, 15.744, 322.863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

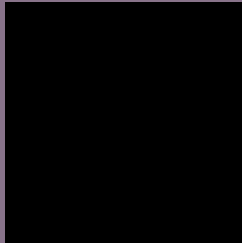
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 15.744, 322.863

Background



This preview shows how black text looks on a background with the CIELCh color 51, 15.744, 322.863.



This preview shows how white text looks on a background with the CIELCh color 51, 15.744, 322.863.

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, 15.744, 322.863

Protanopia

51, 12.265, 286.525

Deuteranopia

51, 11.560, 306.931



Tritanopia
51, 8.628, 343.073

Trichromacy



Original Color
51, 15.744, 322.863

Protanomaly
51, 12.436, 300.455

Deuteranomaly
51, 12.765, 314.713

Tritanomaly
51, 11.144, 333.719

Monochromacy



Original Color
51, 15.744, 322.863

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 5.445, 321.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 15.744, 322.863 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(136, 115, 138)` looks like.

```
.text, #text, p{  
    color:rgb(136, 115, 138)  
}
```

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(136, 115, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 115, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 15.744, 322.863 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(136, 115, 138) }
```

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

```
.border{ border-color:rgb(136, 115, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 115, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 115, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 115, 138);  
box-shadow:4px 4px 4px 4px rgb(136, 115,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 15.744, 322.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 115, 138) }
```

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

```
.background{ background-color: rgb(136,  
115, 138) }
```

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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