

Converting Colors

CIELCh(51, 11.055, 328.144)

Have a look what the booklet for
CIELCh(51, 11.055, 328.144)
contains.

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Color

CIELCh(51, 11.530, 326.736)

Conversions

Conversions Part 1

Format	Color
Hex	857484
RGB	133, 116, 132
RGB Percent	52%, 45%, 52%
CMY	0.4770, 0.5437, 0.4809
CMYK	0.00, 0.13, 0.01, 0.48
HSL	304°, 7%, 49%
HSV	304°, 13%, 52%
XYZ	20.2103, 19.2686, 24.6181
YIQ	122.9070, 4.9960, 8.5800

Conversions

Conversions Part 2

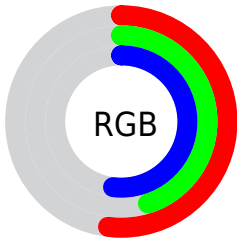
Format	Color
R _Y B	133, 116, 132
Decimal	8746116
CIE Lab	51.00, 9.64, -6.32
CIE LCh	51, 11.530, 326.736
Yxy	19.2686, 0.3153, 0.3006
Android (android.graphics.Color)	4286936196 (0xFF857484)
YUV	122.9070, 4.4828, 8.8516
Hunter-Lab	43.8960, 5.3657, -2.5243

Details

The CIELCh color $51, 11.530, 326.736$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 11.511, 145.322$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 11.488, 326.482$, and $31, 11.526, 325.332$ is the 20% darker color. If you saturate the color by 10%, you get $47, 20.628, 327.291$, and if you desaturate by 10%, it is $55, 2.475, 326.129$.

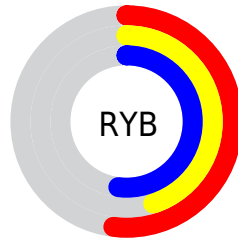
Distribution



Red (52%)

Green (45%)

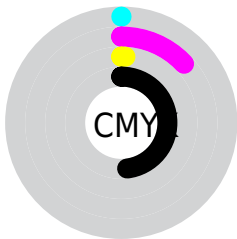
Blue (52%)



Red (52%)

Yellow (45%)

Blue (52%)

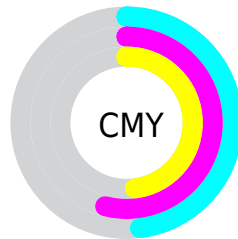


Cyan (0%)

Magenta (13%)

Yellow (1%)

Black (48%)



Cyan (48%)


Magenta (54%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 11.530, 326.736 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, 11.530, 326.736 by changing the saturation by 10% instead.


 51, 11.530,
326.736


 51, 11.530,
326.736


 100, 11.530,
326.736


 41, 11.530,
326.736


 71, 11.530,
326.736

 31, 11.530,
326.736

 81, 11.530,
326.736

 21, 11.530,
326.736

 91, 11.530,
326.736

 11, 11.530,
326.736

 1, 11.530, 326.736

 0, 11.530, 326.736

51, 11.530,
326.736

51, 11.530,
326.736

47, 20.628,
327.291

55, 2.475, 326.129

44, 29.627,
327.837

58, 6.435, 145.709

41, 38.322,
328.366

62, 15.143,
145.175

38, 46.442,
328.868

66, 23.614,
144.675

36, 53.663,
329.332

70, 31.833,
144.201

34, 59.645,
329.749

74, 39.799,
143.752

32, 64.091,
330.117


78, 47.516,
143.328

31, 66.841,

82, 54.993,
142.930

330.437

 86, 62.243,
142.558

 31, 68.277,
330.652

Harmonies

Complementary

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



51, 11.530, 326.736



54, 11.511, 145.322

Rectangle

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



51, 11.530, 326.736



51, 11.530, 16.736



51, 11.530, 146.736



51, 11.530, 196.736

Sweetspot

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



51, 11.528, 326.736



69, 4.460, 326.228



50, 9.990, 293.335



36, 3.157, 326.271



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, 11.528, 326.736



64, 16.823, 326.881



51, 8.202, 347.490



26, 5.065, 326.531



30, 67.050, 330.646



0, 1.206, 326.058

Inverse Universe

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



51, 11.528, 326.736



64, 16.823, 326.881



54, 8.042, 165.395



26, 5.065, 326.531



30, 67.050, 330.646



0, 1.206, 326.058

Previews

White Background



This preview shows how the CIELCh color 51, 11.530, 326.736 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, 11.530, 326.736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

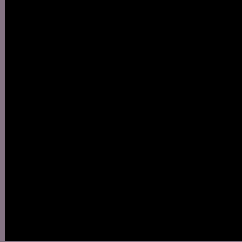
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 11.530, 326.736

Background



This preview shows how black text looks on a background with the CIELCh color 51, 11.530, 326.736.



This preview shows how white text looks on a background with the CIELCh color 51, 11.530, 326.736.

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, 11.530, 326.736

Protanopia

51, 8.164, 288.542

Deuteranopia

51, 9.280, 318.812



Tritanopia
51, 8.681, 338.316

Trichromacy



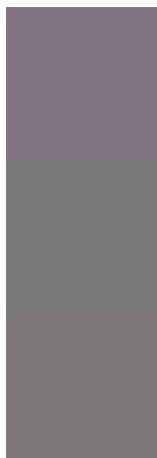
Original Color
51, 11.530, 326.736

Protanomaly
51, 9.093, 306.045

Deuteranomaly
51, 10.382, 323.177

Tritanomaly
51, 9.486, 333.072

Monochromacy



Original Color
51, 11.530, 326.736

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 3.789, 329.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 11.530, 326.736 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(133, 116, 132)` looks like.

```
.text, #text, p{  
    color:rgb(133, 116, 132)  
}
```

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(133, 116, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 116, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 11.530, 326.736 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(133, 116, 132) }
```

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

```
.border{ border-color:rgb(133, 116, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 116, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 116, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 116, 132);  
box-shadow:4px 4px 4px 4px rgb(133, 116,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 11.530, 326.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 116, 132) }
```

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

```
.background{ background-color: rgb(133,  
116, 132) }
```

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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