

Converting Colors

CIELCh(51, 9.274, 324.520)

Have a look what the booklet for
CIELCh(51, 9.274, 324.520) contains.

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Color

CIELCh(51, 9.189, 324.944)

Conversions

Conversions Part 1

Format	Color
Hex	837683
RGB	131, 118, 131
RGB Percent	51%, 46%, 51%
CMY	0.4880, 0.5390, 0.4880
CMYK	0.00, 0.10, 0.00, 0.49
HSL	300°, 5%, 49%
HSV	300°, 10%, 51%
XYZ	19.7829, 19.2686, 23.9894
YIQ	123.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

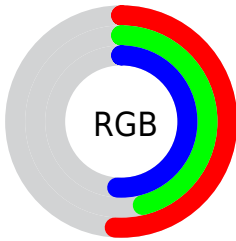
Format	Color
R_{YB}	131, 118, 131
Decimal	8615555
CIE Lab	51.00, 7.52, -5.28
CIE LCh	51, 9.189, 324.944
Yxy	19.2686, 0.3138, 0.3057
Android (android.graphics.Color)	4286805635 (0xFF837683)
YUV	123.3690, 3.7621, 6.6924
Hunter-Lab	43.8960, 3.6277, -1.6750

Details

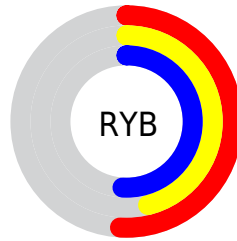
The CIELCh color $51, 9.189, 324.944$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 9.174, 143.897$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 9.287, 324.828$, and $31, 9.229, 325.156$ is the 20% darker color. If you saturate the color by 10%, you get $48, 18.490, 325.481$, and if you desaturate by 10%, it is $55, 0.040, 149.186$.

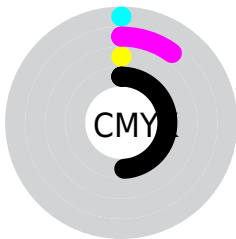
Distribution



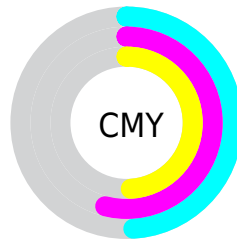
- Red (51%)
- Green (46%)
- Blue (51%)



- Red (51%)
- Yellow (46%)
- Blue (51%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (49%)



- Cyan (49%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 9.189, 324.944 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, 9.189, 324.944 by changing the saturation by 10% instead.

■ 51, 9.189, 324.944

■ 51, 9.189, 324.944

■ 100, 9.189,
324.944

■ 41, 9.189, 324.944

■ 71, 9.189, 324.944

■ 31, 9.189, 324.944

■ 81, 9.189, 324.944

■ 21, 9.189, 324.944

■ 91, 9.189, 324.944

■ 11, 9.189, 324.944

■ 1, 9.189, 324.944

■ 0, 9.189, 324.944

■ 51, 9.189, 324.944

■ 51, 9.189, 324.944

■ 48, 18.490,
325.481

■ 55, 0.040, 149.186

■ 58, 9.102, 143.943

44, 27.733,
326.001

62, 17.945,
143.432

41, 36.727,
326.496

66, 26.540,
142.949

38, 45.219,
326.953

70, 34.872,
142.490

36, 52.902,
327.356

73, 42.940,
142.058

34, 59.444,
327.691

77, 50.750,
141.652

32, 64.541,
327.947

81, 58.312,
141.272

31, 68.002,
328.118

85, 65.638,
140.918

30, 70.308,
328.230

Harmonies

Complementary

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



51, 9.189, 324.944



53, 9.174, 143.897

Rectangle

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



51, 9.189, 324.944



51, 9.189, 14.944



51, 9.189, 144.944



51, 9.189, 194.944

Sweetspot

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



51, 9.187, 324.944



69, 3.439, 324.536



50, 7.482, 290.515



36, 2.628, 324.588



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, 9.187, 324.944



65, 13.821, 325.071



51, 6.548, 343.508



26, 5.272, 324.900



30, 70.125, 328.231



0, 1.256, 324.437

Inverse Universe

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



51, 5.329, 19.937



64, 8.079, 20.116



53, 6.470, 162.019



26, 3.050, 19.875



26, 62.117, 38.506



0, 0.707, 19.401

Previews

White Background



This preview shows how the CIELCh color 51, 9.189, 324.944 looks on a white background.

Color Contrast Check

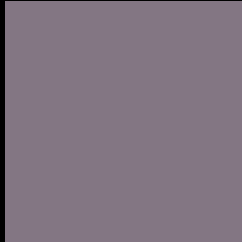
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.189, 324.944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

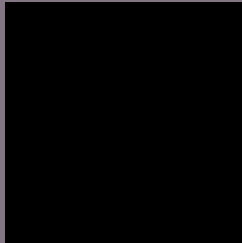
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 9.189, 324.944

Background



This preview shows how black text looks on a background with the CIELCh color 51, 9.189, 324.944.



This preview shows how white text looks on a background with the CIELCh color 51, 9.189, 324.944.

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, 9.189, 324.944

Protanopia

51, 6.420, 287.561

Deuteranopia

51, 8.276, 322.598



Tritanopia
51, 7.131, 332.883

Trichromacy



Original Color

51, 9.189, 324.944

Protanomaly

51, 6.628, 304.591

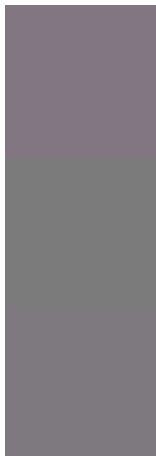
Deuteranomaly

51, 8.491, 324.906

Tritanomaly

51, 7.566, 329.899

Monochromacy



Original Color

51, 9.189, 324.944

Achromatopsia

52, 0.007, 296.813

Achromatomaly

51, 3.548, 324.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 9.189, 324.944 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(131, 118, 131)` looks like.

```
.text, #text, p{  
    color:rgb(131, 118, 131)  
}
```

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(131, 118, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 118, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 9.189, 324.944 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(131, 118, 131) }
```

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

```
.border{ border-color:rgb(131, 118, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 118, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 118, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 118, 131);  
box-shadow:4px 4px 4px 4px rgb(131, 118,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 9.189, 324.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 118, 131) }
```

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

```
.background{ background-color: rgb(131,  
118, 131) }
```

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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