

Converting Colors

CIELCh(51, 12.711, 325.141)

Have a look what the booklet for
CIELCh(51, 12.711, 325.141)
contains.

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Color

CIELCh(51, 12.693, 325.136)

Conversions

Conversions Part 1

Format	Color
Hex	867486
RGB	134, 116, 134
RGB Percent	53%, 45%, 53%
CMY	0.4746, 0.5452, 0.4746
CMYK	0.00, 0.13, 0.00, 0.47
HSL	300°, 7%, 49%
HSV	300°, 13%, 53%
XYZ	20.3680, 19.2686, 25.1871
YIQ	123.4340, 4.9500, 9.4140

Conversions

Conversions Part 2

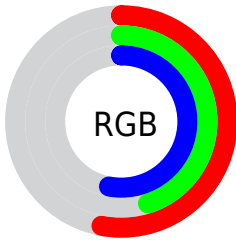
Format	Color
R_{YB}	134, 116, 134
Decimal	8811654
CIE Lab	51.00, 10.41, -7.26
CIE LCh	51, 12.693, 325.136
Yxy	19.2686, 0.3142, 0.2972
Android (android.graphics.Color)	4287001734 (0xFF867486)
YUV	123.4340, 5.2090, 9.2664
Hunter-Lab	43.8960, 6.0067, -3.2928

Details

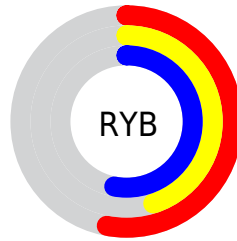
The CIELCh color $51, 12.693, 325.136$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $54, 12.677, 143.671$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 12.585, 324.974$, and $31, 12.272, 325.383$ is the 20% darker color. If you saturate the color by 10%, you get $47, 22.190, 325.668$, and if you desaturate by 10%, it is $55, 3.227, 324.563$.

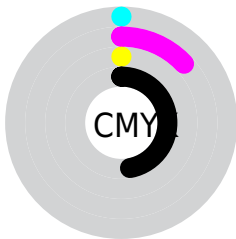
Distribution



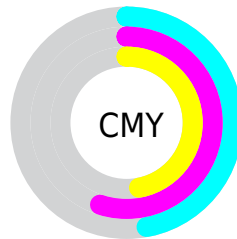
- Red (53%)
- Green (45%)
- Blue (53%)



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



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (47%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 12.693, 325.136 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, 12.693, 325.136 by changing the saturation by 10% instead.


 51, 12.693,
325.136


 51, 12.693,
325.136


 100, 12.693,
325.136


 41, 12.693,
325.136


 71, 12.693,
325.136

 31, 12.693,
325.136

 81, 12.693,
325.136

 21, 12.693,
325.136

 91, 12.693,
325.136

 11, 12.693,
325.136

 1, 12.693, 325.136

 0, 12.693, 325.136

51, 12.693,
325.136

51, 12.693,
325.136

47, 22.190,
325.668

55, 3.227, 324.563

44, 31.566,
326.182

58, 6.095, 144.133

41, 40.601,
326.666

62, 15.210,
143.606

38, 49.015,
327.107

66, 24.077,
143.112

36, 56.479,
327.488

70, 32.679,
142.644

34, 62.653,
327.796

74, 41.011,
142.202

33, 67.259,
328.021


78, 49.076,
141.786

32, 70.170,

82, 56.883,
141.396

328.162

 86, 64.444,
141.033

 31, 71.645,
328.232

Harmonies

Complementary

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



51, 12.693, 325.136



54, 12.677, 143.671

Rectangle

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



51, 12.693, 325.136



51, 12.693, 15.136



51, 12.693, 145.136



51, 12.693, 195.136

Sweetspot

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



51, 12.691, 325.136



69, 4.643, 324.607



49, 10.385, 290.905



36, 3.287, 324.649



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, 12.691, 325.136



64, 18.683, 325.293



51, 9.063, 343.816



26, 5.272, 324.901



30, 70.125, 328.232



0, 1.256, 324.438

Inverse Universe

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



50, 7.448, 20.212



63, 11.074, 20.449



54, 8.925, 161.709



26, 3.050, 19.879



26, 62.119, 38.508



0, 0.707, 19.404

Previews

White Background



This preview shows how the CIELCh color 51, 12.693, 325.136 looks on a white background.

Color Contrast Check

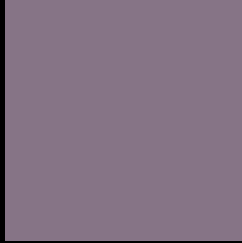
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.693, 325.136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

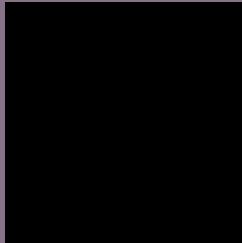
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 12.693, 325.136

Background



This preview shows how black text looks on a background with the CIELCh color 51, 12.693, 325.136.



This preview shows how white text looks on a background with the CIELCh color 51, 12.693, 325.136.

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, 12.693, 325.136

Protanopia

51, 9.343, 286.724

Deuteranopia

51, 10.163, 313.783



Tritanopia
51, 8.311, 341.317

Trichromacy



Original Color
51, 12.693, 325.136

Protanomaly
51, 10.141, 302.315

Deuteranomaly
51, 11.194, 318.260

Tritanomaly
51, 9.486, 333.072

Monochromacy



Original Color
51, 12.693, 325.136

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 4.963, 324.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 12.693, 325.136 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(134, 116, 134)` looks like.

```
.text, #text, p{  
    color:rgb(134, 116, 134)  
}
```

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(134, 116, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 116, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 12.693, 325.136 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(134, 116, 134) }
```

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

```
.border{ border-color:rgb(134, 116, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 116, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 116, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 116, 134);  
box-shadow:4px 4px 4px 4px rgb(134, 116,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 12.693, 325.136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 116, 134) }
```

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

```
.background{ background-color: rgb(134,  
116, 134) }
```

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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