

Converting Colors

CIELCh(53, 4.935, 324.685)

Have a look what the booklet for
CIELCh(53, 4.935, 324.685) contains.

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Color

CIELCh(53, 4.935, 324.685)

Conversions

Conversions Part 1

Format	Color
Hex	837C83
RGB	131, 124, 131
RGB Percent	51%, 49%, 51%
CMY	0.4844, 0.5119, 0.4844
CMYK	0.00, 0.05, 0.00, 0.48
HSL	300°, 3%, 50%
HSV	300°, 5%, 52%
XYZ	20.8273, 21.0462, 24.6041
YIQ	126.8910, 1.9250, 3.6610

Conversions

Conversions Part 2

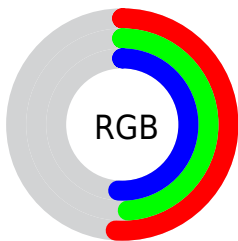
Format	Color
R_{YB}	131, 124, 131
Decimal	8617091
CIE Lab	53.00, 4.03, -2.85
CIE LCh	53, 4.935, 324.685
Yxy	21.0462, 0.3133, 0.3166
Android (android.graphics.Color)	4286807171 (0xFF837C83)
YUV	126.8910, 2.0257, 3.6036
Hunter-Lab	45.8761, 0.7542, 0.3151

Details

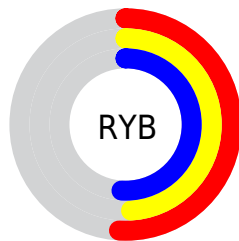
The CIELCh color **53, 4.935, 324.685** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **54, 4.920, 144.190**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 5.298, 324.632**, and **33, 5.368, 324.842** is the 20% darker color. If you saturate the color by 10%, you get **49, 14.268, 325.238**, and if you desaturate by 10%, it is **57, 4.279, 144.245**.

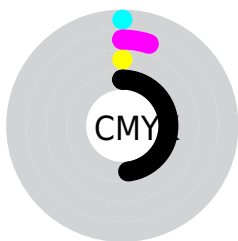
Distribution



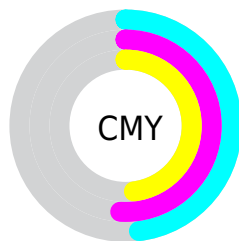
- Red (51%)
- Green (49%)
- Blue (51%)



- Red (51%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (48%)



- Cyan (48%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 4.935, 324.685 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 53, 4.935, 324.685 by changing the saturation by 10% instead.

■ 53, 4.935, 324.685

■ 53, 4.935, 324.685

■ 100, 4.935,
324.685

■ 43, 4.935, 324.685

■ 73, 4.935, 324.685

■ 33, 4.935, 324.685

■ 83, 4.935, 324.685

■ 23, 4.935, 324.685

■ 93, 4.935, 324.685

■ 13, 4.935, 324.685

■ 3, 4.935, 324.685

■ 0, 4.935, 324.685

■ 53, 4.935, 324.685

■ 53, 4.935, 324.685

■ 49, 14.268,
325.238

■ 57, 4.279, 144.245

■ 60, 13.297,

46, 23.612,
325.766

143.705

43, 32.801,
326.274

64, 22.077,
143.207

40, 41.609,
326.751

68, 30.599,
142.735

37, 49.751,
327.181

72, 38.856,
142.288

35, 56.897,
327.550

76, 46.848,
141.867

33, 62.721,
327.843

80, 54.586,
141.473

32, 66.967,
328.053

83, 62.079,
141.106

31, 69.612,
328.183

87, 69.341,
140.763

Harmonies

Complementary

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



53, 4.935, 324.685



54, 4.920, 144.190

Rectangle

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



53, 4.935, 324.685



53, 4.935, 14.685



53, 4.935, 144.685



53, 4.935, 194.685

Sweetspot

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



53, 4.933, 324.685



69, 2.294, 324.451



52, 4.065, 290.698



36, 1.314, 324.436



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



53, 4.933, 324.685



67, 6.888, 324.733



53, 3.467, 343.985



27, 3.685, 324.748



30, 70.123, 328.234



0, 1.256, 324.440

Inverse Universe

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



53, 4.933, 324.685



67, 6.888, 324.733



54, 3.437, 163.317



27, 3.685, 324.748



30, 70.123, 328.234



0, 1.256, 324.440

Previews

White Background



This preview shows how the CIELCh color 53, 4.935, 324.685 looks on a white background.

Color Contrast Check

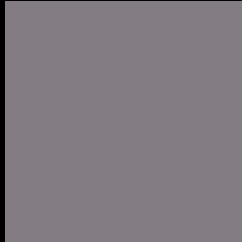
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 53, 4.935, 324.685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

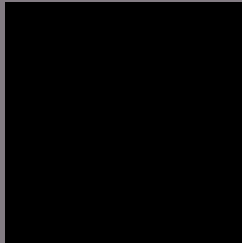
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 4.935, 324.685

Background



This preview shows how black text looks on a background with the CIELCh color 53, 4.935, 324.685.



This preview shows how white text looks on a background with the CIELCh color 53, 4.935, 324.685.

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


53, 4.935, 324.685

Protanopia

53, 3.504, 297.025

Deuteranopia

53, 7.355, 335.198



Tritanopia
53, 6.620, 319.105

Trichromacy



Original Color

53, 4.935, 324.685

Protanomaly

53, 4.370, 311.713

Deuteranomaly

53, 6.117, 330.936

Tritanomaly

53, 6.120, 321.684

Monochromacy



Original Color

53, 4.935, 324.685

Achromatopsia

53, 0.007, 296.813

Achromatomaly

53, 2.119, 324.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 4.935, 324.685 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, 124, 131)` looks like.

```
.text, #text, p{  
    color:rgb(131, 124, 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, 124, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 124, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 4.935, 324.685 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, 124, 131) }
```

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

```
.border{ border-color:rgb(131, 124, 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, 124, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 124, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 124, 131);  
box-shadow:4px 4px 4px 4px rgb(131, 124,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 4.935, 324.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 124, 131) }
```

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

```
.background{ background-color: rgb(131,  
124, 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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