

Converting Colors

CIELCh(53, 4.844, 307.720)

Have a look what the booklet for
CIELCh(53, 4.844, 307.720) contains.

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Color

CIELCh(53, 4.913, 309.306)

Conversions

Conversions Part 1

Format	Color
Hex	817D85
RGB	129, 125, 133
RGB Percent	51%, 49%, 52%
CMY	0.4939, 0.5096, 0.4782
CMYK	0.03, 0.06, 0.00, 0.48
HSL	270°, 3%, 51%
HSV	270°, 6%, 52%
XYZ	20.6383, 21.0462, 25.1835
YIQ	127.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

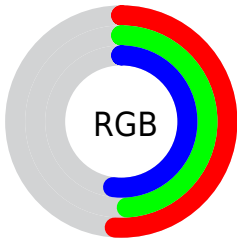
Format	Color
R_{YB}	129, 125, 133
Decimal	8486277
CIE Lab	53.00, 3.11, -3.80
CIE LCh	53, 4.913, 309.306
Yxy	21.0462, 0.3086, 0.3147
Android (android.graphics.Color)	4286676357 (0xFF817D85)
YUV	127.1080, 2.9048, 1.6593
Hunter-Lab	45.8761, 0.0187, -0.4337

Details

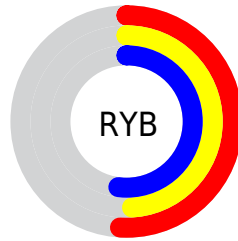
The CIELCh color $53, 4.913, 309.306$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $55, 4.862, 128.830$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 4.611, 309.230$, and $33, 5.349, 309.444$ is the 20% darker color. If you saturate the color by 10%, you get $49, 13.257, 309.768$, and if you desaturate by 10%, it is $57, 3.199, 128.932$.

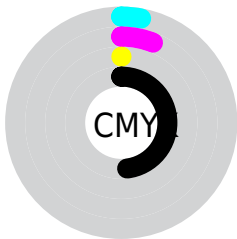
Distribution



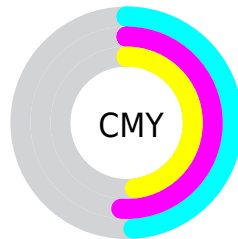
- Red (51%)
- Green (49%)
- Blue (52%)



- Red (51%)
- Yellow (49%)
- Blue (52%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (48%)



- Cyan (49%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 4.913, 309.306 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, 4.913, 309.306 by changing the saturation by 10% instead.

■ 53, 4.913, 309.306

■ 53, 4.913, 309.306

■ 100, 4.913,
309.306

■ 43, 4.913, 309.306

■ 73, 4.913, 309.306

■ 33, 4.913, 309.306

■ 83, 4.913, 309.306

■ 23, 4.913, 309.306

■ 93, 4.913, 309.306

■ 13, 4.913, 309.306

■ 3, 4.913, 309.306

■ 0, 4.913, 309.306

■ 53, 4.913, 309.306

■ 53, 4.913, 309.306

■ 49, 13.257,
309.768

■ 57, 3.199, 128.932

■ 62, 11.069,

45, 21.815,
310.262

128.540

40, 30.537,
310.781

66, 18.700,
128.205

36, 39.332,
311.306

70, 26.099,
127.910

32, 48.036,
311.807

74, 33.276,
127.652

29, 56.384,
312.232

78, 40.242,
127.427

25, 63.978,
312.510

82, 47.010,
127.232

23, 70.288,
312.544

87, 53.589,
127.064

20, 74.941,
312.278

91, 59.992,
126.919

Harmonies

Complementary

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



53, 4.913, 309.306



55, 4.862, 128.830

Rectangle

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



53, 4.913, 309.306



53, 4.913, 359.306



53, 4.913, 129.306



53, 4.913, 179.306

Sweetspot

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



53, 4.911, 309.301



70, 2.023, 309.097



54, 2.727, 254.413



36, 1.145, 309.087



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, 4.911, 309.301



67, 7.111, 309.355



53, 5.596, 324.276



26, 3.682, 309.361



19, 75.485, 312.228



0, 1.092, 309.062

Inverse Universe

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



53, 3.955, 344.045



68, 5.726, 344.151



55, 5.582, 143.709



26, 2.965, 344.164



27, 51.560, 0.626



0, 0.880, 343.641

Previews

White Background



This preview shows how the CIELCh color 53, 4.913, 309.306 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, 4.913, 309.306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

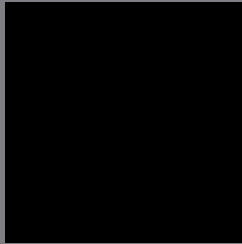
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

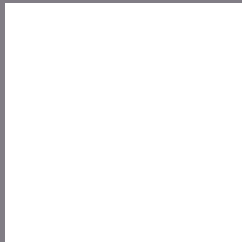
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 4.913, 309.306

Background



This preview shows how black text looks on a background with the CIELCh color 53, 4.913, 309.306.



This preview shows how white text looks on a background with the CIELCh color 53, 4.913, 309.306.

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, 4.913, 309.306

Protanopia

53, 4.079, 296.171

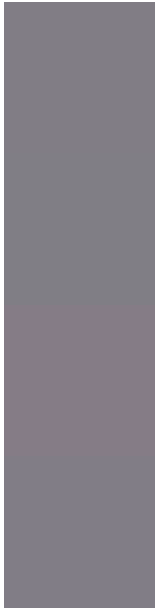
Deuteranopia

53, 8.206, 329.493



Tritanopia
53, 6.020, 305.848

Trichromacy



Original Color

53, 4.913, 309.306

Protanomaly

53, 4.139, 301.556

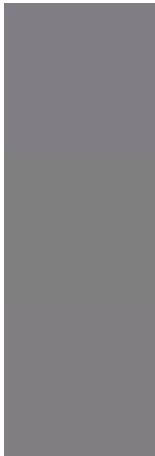
Deuteranomaly

53, 6.816, 322.037

Tritanomaly

53, 5.464, 307.394

Monochromacy



Original Color

53, 4.913, 309.306

Achromatopsia

53, 0.007, 296.813

Achromatomaly

53, 1.922, 314.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 4.913, 309.306 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(129, 125, 133)` looks like.

```
.text, #text, p{  
    color:rgb(129, 125, 133)  
}
```

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(129, 125, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 125, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 4.913, 309.306 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(129, 125, 133) }
```

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

```
.border{ border-color:rgb(129, 125, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 125, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 125, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 125, 133);  
box-shadow:4px 4px 4px 4px rgb(129, 125,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 4.913, 309.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 125, 133) }
```

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

```
.background{ background-color: rgb(129,  
125, 133) }
```

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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