

Converting Colors

CIELCh(53, 9.825, 274.681)

Have a look what the booklet for
CIELCh(53, 9.825, 274.681) contains.

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Color

CIELCh(53, 9.651, 273.389)

Conversions

Conversions Part 1

Format	Color
Hex	777F8F
RGB	119, 127, 143
RGB Percent	47%, 50%, 56%
CMY	0.5337, 0.5024, 0.4396
CMYK	0.17, 0.11, 0.00, 0.44
HSL	220°, 10%, 51%
HSV	220°, 17%, 56%
XYZ	20.1191, 21.0462, 28.9461
YIQ	126.4320, -9.9040, 3.2800

Conversions

Conversions Part 2

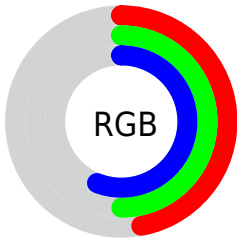
Format	Color
R_{YB}	119, 125, 143
Decimal	7831439
CIE _{Lab}	53.00, 0.57, -9.63
CIE _{LCh}	53, 9.651, 273.389
Yxy	21.0462, 0.2870, 0.3002
Android (android.graphics.Color)	4286021519 (0xFF777F8F)
YUV	126.4320, 8.1680, -6.5179
Hunter-Lab	45.8761, -2.0015, -5.2964

Details

The CIELCh color $53, 9.651, 273.389$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $57, 9.680, 89.054$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 9.693, 271.887$, and $33, 9.867, 273.318$ is the 20% darker color. If you saturate the color by 10%, you get $49, 15.512, 275.010$, and if you desaturate by 10%, it is $57, 3.878, 272.008$.

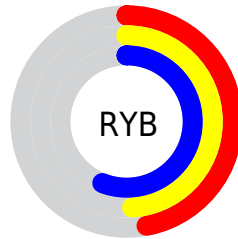
Distribution



Red (47%)

Green (50%)

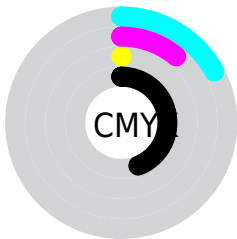
Blue (56%)



Red (47%)

Yellow (49%)

Blue (56%)

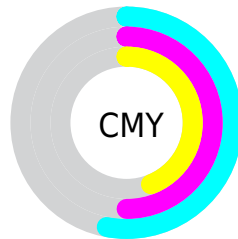


Cyan (17%)

Magenta (11%)

Yellow (0%)

Black (44%)



Cyan (53%)

Magenta (50%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 9.651, 273.389 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, 9.651, 273.389 by changing the saturation by 10% instead.

■ 53, 9.651, 273.389

■ 53, 9.651, 273.389

■ 100, 9.651,
273.389

■ 43, 9.651, 273.389

■ 73, 9.651, 273.389

■ 33, 9.651, 273.389

■ 83, 9.651, 273.389

■ 23, 9.651, 273.389

■ 93, 9.651, 273.389

■ 13, 9.651, 273.389

■ 3, 9.651, 273.389

■ 0, 9.651, 273.389

■ 53, 9.651, 273.389

■ 53, 9.651, 273.389

■ 49, 15.512,
275.010

■ 57, 3.878, 272.008

■ 61, 1.806, 90.642

45, 21.469,
276.910

64, 7.401, 89.668

42, 27.531,
279.122

68, 12.906, 88.759

38, 33.717,
281.679

72, 18.320, 87.955

34, 40.053,
284.592

76, 23.642, 87.242

31, 46.560,
287.833

79, 28.872, 86.607

28, 53.234,
291.310

83, 34.011, 86.038

25, 60.000,
294.810

24, 62.176,
295.824

Harmonies

Complementary

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



53, 9.651, 273.389



57, 9.680, 89.054

Rectangle

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



53, 9.651, 273.389



53, 9.651, 323.389



53, 9.651, 93.389



53, 9.651, 143.389

Sweetspot

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



53, 9.650, 273.384



73, 3.539, 271.806



57, 10.435, 171.096



38, 2.434, 271.880



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



53, 9.650, 273.384



66, 14.298, 273.945



51, 14.101, 297.405



28, 3.225, 272.311



22, 59.385, 295.628



1, 2.166, 271.121

Inverse Universe

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



52, 10.757, 355.259



65, 15.990, 355.662



58, 13.604, 114.846



28, 3.567, 354.460



28, 53.594, 16.451



0, 2.370, 353.682

Previews

White Background



This preview shows how the CIELCh color 53, 9.651, 273.389 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, 9.651, 273.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

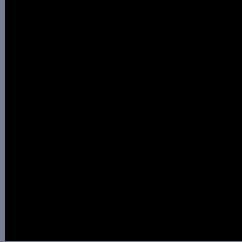
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

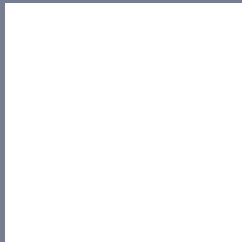
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 9.651, 273.389

Background



This preview shows how black text looks on a background with the CIELCh color 53, 9.651, 273.389.



This preview shows how white text looks on a background with the CIELCh color 53, 9.651, 273.389.

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

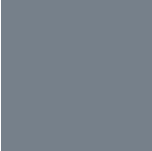
53, 9.651, 273.389

Protanopia

53, 9.851, 289.215

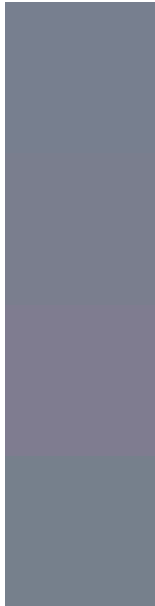
Deuteranopia

53, 12.595, 305.560



Tritanopia
53, 6.826, 257.356

Trichromacy



Original Color
53, 9.651, 273.389

Protanomaly
53, 9.352, 282.103

Deuteranomaly
53, 11.672, 297.148

Tritanomaly
53, 7.801, 262.335

Monochromacy



Original Color
53, 9.651, 273.389

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 3.648, 272.011

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 9.651, 273.389 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(119, 127, 143)` looks like.

```
.text, #text, p{  
    color:rgb(119, 127, 143)  
}
```

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(119, 127, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 127, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 9.651, 273.389 is called "border". The border property can be set on classes, ids or directly on the HTML element.

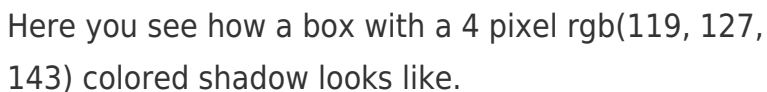
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(119, 127, 143) }
```

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

```
.border{ border-color:rgb(119, 127, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(119, 127, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 127, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 127, 143); box-shadow:4px 4px 4px 4px rgb(119, 127, 143) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 9.651, 273.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 127, 143) }
```

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

```
.background{ background-color: rgb(119,  
127, 143) }
```

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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