

Converting Colors

CIELCh(54, 7.910, 253.040)

Have a look what the booklet for
CIELCh(54, 7.910, 253.040) contains.

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Color

CIELCh(54, 7.873, 252.986)

Conversions

Conversions Part 1

Format	Color
Hex	76838E
RGB	118, 131, 142
RGB Percent	46%, 51%, 56%
CMY	0.5379, 0.4869, 0.4438
CMYK	0.17, 0.08, 0.00, 0.44
HSL	207°, 10%, 51%
HSV	207°, 17%, 56%
XYZ	20.4114, 21.9746, 28.6892
YIQ	128.3670, -11.2790, 0.6650

Conversions

Conversions Part 2

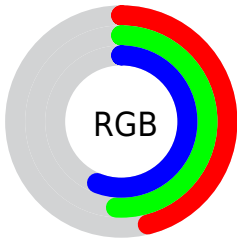
Format	Color
R_{YB}	118, 126, 142
Decimal	7766926
CIE Lab	54.00, -2.30, -7.53
CIE LCh	54, 7.873, 252.986
Yxy	21.9746, 0.2872, 0.3092
Android (android.graphics.Color)	4285957006 (0xFF76838E)
YUV	128.3670, 6.7211, -9.0919
Hunter-Lab	46.8770, -4.3116, -3.4721

Details

The CIELCh color $54, 7.873, 252.986$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55, 8.305, 68.828$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 8.079, 252.893$, and $34, 7.954, 251.234$ is the 20% darker color. If you saturate the color by 10%, you get $51, 12.402, 254.585$, and if you desaturate by 10%, it is $57, 3.248, 251.672$.

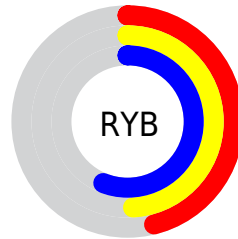
Distribution



Red (46%)

Green (51%)

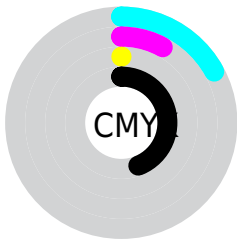
Blue (56%)



Red (46%)

Yellow (49%)

Blue (56%)

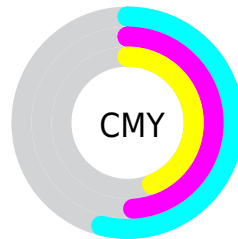


Cyan (17%)

Magenta (8%)

Yellow (0%)

Black (44%)



Cyan (54%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 7.873, 252.986 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 54, 7.873, 252.986 by changing the saturation by 10% instead.

■ 54, 7.873, 252.986

■ 54, 7.873, 252.986

■ 100, 7.873,
252.986

■ 44, 7.873, 252.986

■ 74, 7.873, 252.986

■ 34, 7.873, 252.986

■ 84, 7.873, 252.986

■ 24, 7.873, 252.986

■ 94, 7.873, 252.986

■ 14, 7.873, 252.986

■ 4, 7.873, 252.986

■ 0, 7.873, 252.986

■ 54, 7.873, 252.986

■ 54, 7.873, 252.986

■ 51, 12.402,
254.585

■ 57, 3.248, 251.672

■ 60, 1.448, 70.212

48, 16.812,
256.515

63, 6.193, 69.401

45, 21.084,
258.824

66, 10.968, 68.589

69, 15.757, 67.879

43, 25.209,
261.572

72, 20.545, 67.260

40, 29.194,
264.809

75, 25.322, 66.717

78, 30.079, 66.239

38, 33.073,
268.552

81, 34.808, 65.813

35, 36.909,
272.766

33, 40.801,
277.255

32, 42.045,
278.549

Harmonies

Complementary

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



54, 7.873, 252.986



55, 8.305, 68.828

Rectangle

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



54, 7.873, 252.986



54, 7.873, 302.986



54, 7.873, 72.986



54, 7.873, 122.986

Sweetspot

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



54, 7.872, 252.977



73, 2.903, 251.482



57, 12.073, 159.710



38, 1.972, 251.543



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



54, 7.872, 252.977



67, 11.450, 253.506



51, 13.317, 289.964



29, 2.660, 251.937



31, 40.433, 278.316



1, 1.810, 250.773

Inverse Universe

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



52, 12.203, 342.803



65, 17.857, 343.116



58, 12.877, 106.451



28, 4.064, 342.135



29, 53.559, 357.033



1, 2.718, 341.464

Previews

White Background



This preview shows how the CIELCh color 54, 7.873, 252.986 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 54, 7.873, 252.986 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

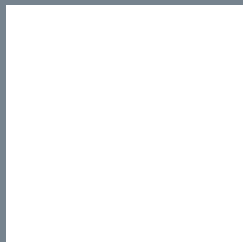
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 7.873, 252.986

Background



This preview shows how black text looks on a background with the CIELCh color 54, 7.873, 252.986.

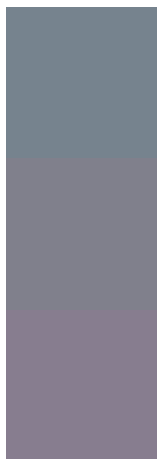


This preview shows how white text looks on a background with the CIELCh color 54, 7.873, 252.986.

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

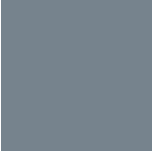
54, 7.873, 252.986

Protanopia

54, 6.927, 291.031

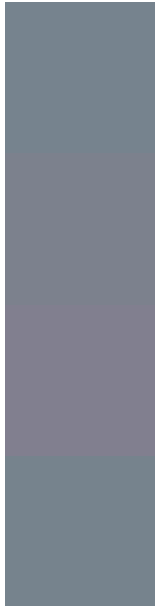
Deuteranopia

54, 11.133, 311.504



Tritanopia
54, 7.439, 250.098

Trichromacy



Original Color

54, 7.873, 252.986

Protanomaly

54, 7.136, 275.676

Deuteranomaly

54, 9.287, 295.987

Tritanomaly

54, 7.439, 250.098

Monochromacy



Original Color

54, 7.873, 252.986

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 2.989, 250.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 7.873, 252.986 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(118, 131, 142)` looks like.

```
.text, #text, p{  
    color:rgb(118, 131, 142)  
}
```

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(118, 131, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 131, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 7.873, 252.986 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(118, 131, 142) }
```

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

```
.border{ border-color:rgb(118, 131, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 131, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 131, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 131, 142);  
box-shadow:4px 4px 4px 4px rgb(118, 131,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 7.873, 252.986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 131, 142) }
```

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

```
.background{ background-color: rgb(118,  
131, 142) }
```

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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