

Converting Colors

CIELCh(53, 9.136, 235.951)

Have a look what the booklet for
CIELCh(53, 9.136, 235.951) contains.

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Color

CIELCh(53, 9.197, 233.419)

Conversions

Conversions Part 1

Format	Color
Hex	6D828B
RGB	109, 130, 139
RGB Percent	43%, 51%, 55%
CMY	0.5729, 0.4906, 0.4553
CMYK	0.22, 0.06, 0.00, 0.46
HSL	198°, 12%, 49%
HSV	198°, 22%, 54%
XYZ	18.9181, 21.0462, 27.4539
YIQ	124.7470, -15.4050, -1.6530

Conversions

Conversions Part 2

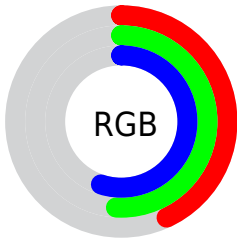
Format	Color
R _{YB}	109, 121, 139
Decimal	7176843
CIE Lab	53.00, -5.48, -7.39
CIE LCh	53, 9.197, 233.419
Yxy	21.0462, 0.2806, 0.3122
Android (android.graphics.Color)	4285366923 (0xFF6D828B)
YUV	124.7470, 7.0267, -13.8101
Hunter-Lab	45.8761, -6.6746, -3.3680

Details

The CIELCh color $53, 9.197, 233.419$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $51, 10.377, 50.221$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 9.065, 231.654$, and $33, 9.081, 232.427$ is the 20% darker color. If you saturate the color by 10%, you get $51, 13.100, 234.609$, and if you desaturate by 10%, it is $55, 5.051, 232.487$.

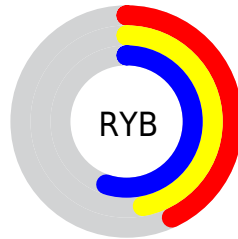
Distribution



Red (43%)

Green (51%)

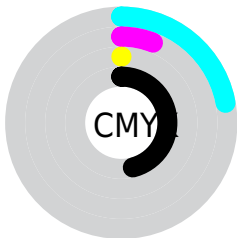
Blue (55%)



Red (43%)

Yellow (47%)

Blue (55%)

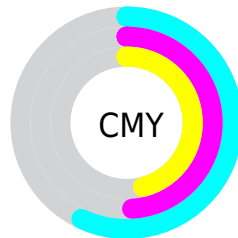


Cyan (22%)

Magenta (6%)

Yellow (0%)

Black (46%)



Cyan (57%)

Magenta (49%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 9.197, 233.419 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, 9.197, 233.419 by changing the saturation by 10% instead.

■ 53, 9.197, 233.419

■ 53, 9.197, 233.419

■ 100, 9.197,
233.419

■ 43, 9.197, 233.419

■ 73, 9.197, 233.419

■ 33, 9.197, 233.419

■ 83, 9.197, 233.419

■ 23, 9.197, 233.419

■ 93, 9.197, 233.419

■ 13, 9.197, 233.419

■ 3, 9.197, 233.419

■ 0, 9.197, 233.419

■ 53, 9.197, 233.419

■ 53, 9.197, 233.419

■ 51, 13.100,
234.609

■ 55, 5.051, 232.487

■ 57, 0.710, 232.196

49, 16.711,
236.126

60, 3.783, 50.949

47, 19.983,
238.033

62, 8.392, 50.530

45, 22.881,
240.410

64, 13.086, 50.171

43, 25.389,
243.341

69, 22.628, 49.650

41, 27.526,
246.893

72, 27.438, 49.467

40, 29.358,
251.091

74, 32.255, 49.322

39, 30.833,
254.819

Harmonies

Complementary

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



53, 9.197, 233.419



51, 10.377, 50.221

Rectangle

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



53, 9.197, 233.419



53, 9.197, 283.419



53, 9.197, 53.419



53, 9.197, 103.419

Sweetspot

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



53, 9.197, 233.412



72, 3.282, 232.117



55, 17.185, 152.065



38, 2.191, 232.147



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



53, 9.197, 233.412



67, 13.573, 233.971



49, 13.955, 282.165



28, 2.453, 232.305



37, 29.755, 254.578



1, 1.159, 231.563

Inverse Universe

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



50, 17.116, 335.744



61, 25.611, 336.114



55, 13.676, 96.932



27, 4.409, 334.851



29, 57.102, 344.287



0, 2.032, 334.281

Previews

White Background



This preview shows how the CIELCh color 53, 9.197, 233.419 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 53, 9.197, 233.419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

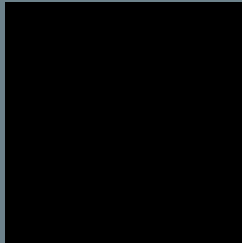
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 9.197, 233.419

Background



This preview shows how black text looks on a background with the CIELCh color 53, 9.197, 233.419.



This preview shows how white text looks on a background with the CIELCh color 53, 9.197, 233.419.

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, 9.197, 233.419

Protanopia

53, 6.394, 294.429

Deuteranopia

53, 10.491, 310.598



Tritanopia
53, 9.498, 236.498

Trichromacy



Original Color
53, 9.197, 233.419

Protanomaly
53, 6.315, 266.004

Deuteranomaly
53, 8.125, 285.837

Tritanomaly
53, 9.498, 236.498

Monochromacy



Original Color
53, 9.197, 233.419

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 3.527, 228.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 9.197, 233.419 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(109, 130, 139)` looks like.

```
.text, #text, p{  
    color:rgb(109, 130, 139)  
}
```

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(109, 130, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 130, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 9.197, 233.419 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(109, 130, 139) }
```

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

```
.border{ border-color:rgb(109, 130, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 130, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 130, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 130, 139);  
box-shadow:4px 4px 4px 4px rgb(109, 130,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 9.197, 233.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 130, 139) }
```

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

```
.background{ background-color: rgb(109,  
130, 139) }
```

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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