

Converting Colors

CIELCh(54, 6.254, 237.057)

Have a look what the booklet for
CIELCh(54, 6.254, 237.057) contains.

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Color

CIELCh(54, 6.274, 239.225)

Conversions

Conversions Part 1

Format	Color
Hex	76838A
RGB	118, 131, 138
RGB Percent	46%, 51%, 54%
CMY	0.5367, 0.4857, 0.4582
CMYK	0.14, 0.05, 0.00, 0.46
HSL	201°, 8%, 50%
HSV	201°, 14%, 54%
XYZ	20.2266, 21.9746, 27.2779
YIQ	127.9110, -9.9950, -0.5790

Conversions

Conversions Part 2

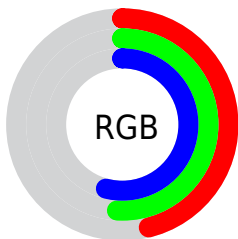
Format	Color
R_{YB}	118, 126, 138
Decimal	7766922
CIE _{Lab}	54.00, -3.21, -5.39
CIE _{LCh}	54, 6.274, 239.225
Y _{xy}	21.9746, 0.2911, 0.3163
Android (android.graphics.Color)	4285957002 (0xFF76838A)
Y _{UV}	127.9110, 4.9739, -8.6919
Hunter-Lab	46.8770, -5.0154, -1.6871

Details

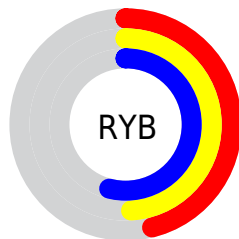
The CIELCh color $54, 6.274, 239.225$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53, 6.720, 56.520$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 6.224, 236.758$, and $34, 6.340, 235.405$ is the 20% darker color. If you saturate the color by 10%, you get $52, 10.400, 240.435$, and if you desaturate by 10%, it is $56, 1.975, 238.326$.

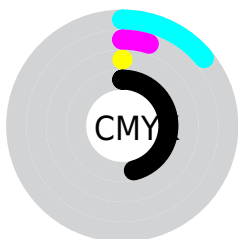
Distribution



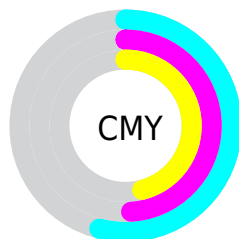
- Red (46%)
- Green (51%)
- Blue (54%)



- Red (46%)
- Yellow (49%)
- Blue (54%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (46%)



- Cyan (54%)
- Magenta (49%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 6.274, 239.225 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, 6.274, 239.225 by changing the saturation by 10% instead.

■ 54, 6.274, 239.225

■ 54, 6.274, 239.225

■ 100, 6.274,
239.225

■ 44, 6.274, 239.225

■ 74, 6.274, 239.225

■ 34, 6.274, 239.225

■ 84, 6.274, 239.225

■ 24, 6.274, 239.225

■ 94, 6.274, 239.225

■ 14, 6.274, 239.225

■ 4, 6.274, 239.225

■ 0, 6.274, 239.225

■ 54, 6.274, 239.225

■ 54, 6.274, 239.225

■ 52, 10.400,
240.435

■ 56, 1.975, 238.326

■ 59, 2.460, 57.168

49, 14.313,
241.961

61, 6.997, 56.586

47, 17.973,
243.846

64, 11.608, 56.048

67, 16.270, 55.594

45, 21.346,
246.166

69, 20.964, 55.212

43, 24.413,
248.997

72, 25.674, 54.891

74, 30.387, 54.618

41, 27.179,
252.406

77, 35.094, 54.385

39, 29.688,
256.426

37, 32.027,
261.006

36, 33.355,
263.494

Harmonies

Complementary

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



54, 6.274, 239.225



53, 6.720, 56.520

Rectangle

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



54, 6.274, 239.225



54, 6.274, 289.225



54, 6.274, 59.225



54, 6.274, 109.225

Sweetspot

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



54, 6.274, 239.213



72, 2.176, 238.308



56, 11.035, 154.645



37, 1.539, 238.341



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



54, 6.274, 239.213



68, 9.032, 239.536



51, 9.766, 284.037



28, 2.462, 238.680



35, 32.300, 263.275



1, 1.160, 237.766

Inverse Universe

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



52, 10.991, 337.373



65, 15.938, 337.593



56, 9.581, 100.771



27, 4.255, 336.972



28, 55.432, 347.976



0, 1.959, 336.374

Previews

White Background



This preview shows how the CIELCh color 54, 6.274, 239.225 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, 6.274, 239.225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

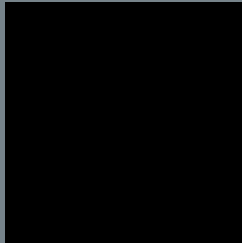
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

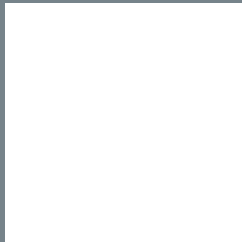
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 6.274, 239.225

Background



This preview shows how black text looks on a background with the CIELCh color 54, 6.274, 239.225.



This preview shows how white text looks on a background with the CIELCh color 54, 6.274, 239.225.

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, 6.274, 239.225

Protanopia

54, 4.642, 295.540

Deuteranopia

54, 9.378, 320.925



Tritanopia
54, 7.215, 252.353

Trichromacy



Original Color
54, 6.274, 239.225

Protanomaly
54, 4.836, 272.259

Deuteranomaly
54, 7.046, 300.445

Tritanomaly
54, 6.785, 249.166

Monochromacy



Original Color
54, 6.274, 239.225

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 2.582, 241.562

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 6.274, 239.225 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, 138)` looks like.

```
.text, #text, p{  
    color:rgb(118, 131, 138)  
}
```

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, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 131, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 6.274, 239.225 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, 138) }
```

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

```
.border{ border-color:rgb(118, 131, 138) }
```

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, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 131, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 131, 138);  
box-shadow:4px 4px 4px 4px rgb(118, 131,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 6.274, 239.225 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, 138) }
```

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

```
.background{ background-color: rgb(118,  
131, 138) }
```

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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