

Converting Colors

CIELCh(57, 1.432, 199.538)

Have a look what the booklet for
CIELCh(57, 1.432, 199.538) contains.

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Color

CIELCh(57, 1.554, 199.520)

Conversions

Conversions Part 1

Format	Color
Hex	868A8A
RGB	134, 138, 138
RGB Percent	53%, 54%, 54%
CMY	0.4761, 0.4604, 0.4604
CMYK	0.03, 0.00, 0.00, 0.46
HSL	180°, 2%, 53%
HSV	180°, 3%, 54%
XYZ	23.3590, 24.9227, 27.4738
YIQ	136.8040, -2.3840, -0.8480

Conversions

Conversions Part 2

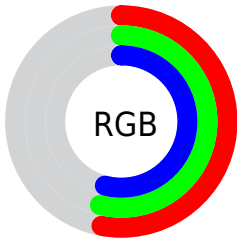
Format	Color
R_{YB}	134, 136, 138
Decimal	8817290
CIE Lab	57.00, -1.46, -0.52
CIE LCh	57, 1.554, 199.520
Yxy	24.9227, 0.3083, 0.3290
Android (android.graphics.Color)	4287007370 (0xFF868A8A)
YUV	136.8040, 0.5896, -2.4591
Hunter-Lab	49.9226, -3.8437, 2.3169

Details

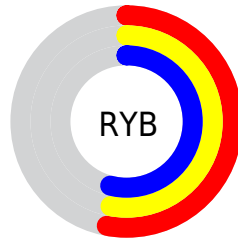
The CIELCh color $57, 1.554, 199.520$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 1.584, 19.263$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 1.466, 199.654$, and $37, 1.678, 199.356$ is the 20% darker color. If you saturate the color by 10%, you get $56, 6.743, 198.745$, and if you desaturate by 10%, it is $58, 3.869, 19.643$.

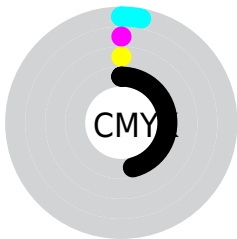
Distribution



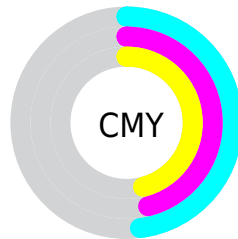
- Red (53%)
- Green (54%)
- Blue (54%)



- Red (53%)
- Yellow (53%)
- Blue (54%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (46%)



- Cyan (48%)
- Magenta (46%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 1.554, 199.520 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 57, 1.554, 199.520 by changing the saturation by 10% instead.

■ 57, 1.554, 199.520

■ 57, 1.554, 199.520

■ 100, 1.554,
199.520

■ 47, 1.554, 199.520

■ 77, 1.554, 199.520

■ 37, 1.554, 199.520

■ 87, 1.554, 199.520

■ 27, 1.554, 199.520

■ 97, 1.554, 199.520

■ 17, 1.554, 199.520

■ 7, 1.554, 199.520

■ 0, 1.554, 199.520

■ 57, 1.554, 199.520

■ 57, 1.554, 199.520

■ 56, 6.743, 198.745

■ 58, 3.869, 19.643

■ 55, 11.622,

■ 59, 9.461, 20.280

198.238

61, 15.166, 20.887

54, 16.109,
197.793

62, 20.934, 21.496

54, 20.124,
197.403

64, 26.731, 22.107

53, 23.592,
197.072

65, 32.524, 22.718

52, 26.454,
196.801

69, 44.023, 23.922

52, 28.674,
196.592

70, 48.693, 24.405

52, 30.245,
196.443

52, 31.204,
196.350

Harmonies

Complementary

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



57, 1.554, 199.520



56, 1.584, 19.263

Rectangle

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



57, 1.554, 199.520



57, 1.554, 249.520



57, 1.554, 19.520



57, 1.554, 69.520

Sweetspot

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



57, 1.555, 199.471



73, 0.663, 200.067



57, 2.765, 143.916



38, 0.376, 200.127



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



57, 1.555, 199.471



72, 1.984, 199.449



56, 1.360, 254.143



29, 1.206, 199.375



50, 30.851, 196.302



1, 1.414, 199.374

Inverse Universe

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



56, 1.584, 19.263



71, 2.022, 19.286



57, 1.360, 73.047



28, 1.233, 19.363



27, 63.111, 38.636



0, 1.414, 19.358

Previews

White Background



This preview shows how the CIE LCh color 57, 1.554, 199.520 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 57, 1.554, 199.520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

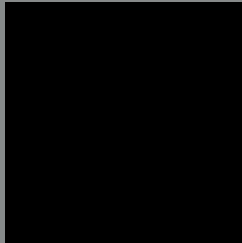
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

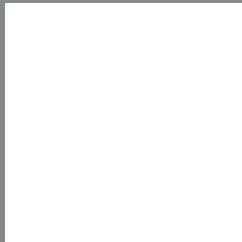
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 1.554, 199.520

Background



This preview shows how black text looks on a background with the CIELCh color 57, 1.554, 199.520.



This preview shows how white text looks on a background with the CIELCh color 57, 1.554, 199.520.

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


57, 1.554, 199.520

Protanopia

57, 1.319, 353.611

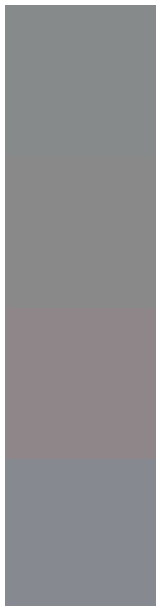
Deuteranopia

57, 7.835, 349.663



Tritanopia
57, 6.287, 287.468

Trichromacy



Original Color
57, 1.554, 199.520

Protanomaly
57, 0.007, 296.813

Deuteranomaly
57, 4.235, 347.207

Tritanomaly
57, 4.137, 274.585

Monochromacy



Original Color
57, 1.554, 199.520

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 0.780, 199.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 1.554, 199.520 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(134, 138, 138)` looks like.

```
.text, #text, p{  
    color:rgb(134, 138, 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(134, 138, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 138, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 1.554, 199.520 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(134, 138, 138) }
```

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

```
.border{ border-color:rgb(134, 138, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 138, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 138, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 138, 138);  
box-shadow:4px 4px 4px 4px rgb(134, 138,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 1.554, 199.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 138, 138) }
```

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

```
.background{ background-color: rgb(134,  
138, 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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