

Converting Colors

CIELCh(50, 11.600, 219.975)

Have a look what the booklet for
CIELCh(50, 11.600, 219.975)
contains.

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Color

CIELCh(50, 11.549, 219.268)

Conversions

Conversions Part 1

Format	Color
Hex	5E7C83
RGB	94, 124, 131
RGB Percent	37%, 49%, 51%
CMY	0.6315, 0.5139, 0.4865
CMYK	0.28, 0.05, 0.00, 0.49
HSL	191°, 16%, 44%
HSV	191°, 28%, 51%
XYZ	15.9071, 18.4187, 24.1733
YIQ	115.8280, -20.1270, -4.1830

Conversions

Conversions Part 2

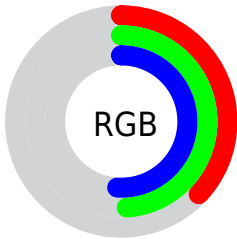
Format	Color
R_{YB}	94, 111, 131
Decimal	6192259
CIE _{Lab}	50.00, -8.94, -7.31
CIE _{LCh}	50, 11.549, 219.268
Yxy	18.4187, 0.2719, 0.3149
Android (android.graphics.Color)	4284382339 (0xFF5E7C83)
YUV	115.8280, 7.4798, -19.1432
Hunter-Lab	42.9170, -8.9441, -3.3536

Details

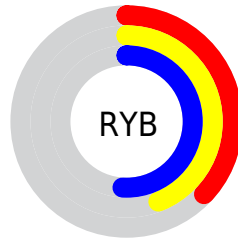
The CIELCh color **50, 11.549, 219.268** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **46, 13.926, 38.091**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 11.742, 217.729**, and **30, 11.567, 220.958** is the 20% darker color. If you saturate the color by 10%, you get **48, 15.060, 219.948**, and if you desaturate by 10%, it is **52, 7.700, 218.787**.

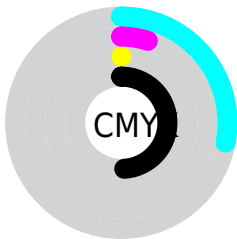
Distribution



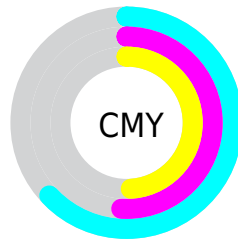
- Red (37%)
- Green (49%)
- Blue (51%)



- Red (37%)
- Yellow (44%)
- Blue (51%)



- Cyan (28%)
- Magenta (5%)
- Yellow (0%)
- Black (49%)




- Cyan (63%)
- Magenta (51%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 11.549, 219.268 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 50, 11.549, 219.268 by changing the saturation by 10% instead.


 50, 11.549,
219.268


 50, 11.549,
219.268


 100, 11.549,
219.268


 40, 11.549,
219.268


 70, 11.549,
219.268

 30, 11.549,
219.268


 80, 11.549,
219.268


 20, 11.549,
219.268

 90, 11.549,
219.268

 10, 11.549,
219.268

 0, 11.549, 219.268

 50, 11.549,
219.268

 50, 11.549,
219.268

■ 48, 15.060,
219.948

■ 52, 7.700, 218.787

■ 47, 18.171,
220.889

■ 53, 3.574, 218.514

■ 46, 20.823,
222.141

■ 55, 0.771, 37.677

■ 44, 22.973,
223.772

■ 57, 5.287, 38.009

■ 43, 24.602,
225.855

■ 59, 9.930, 38.011

■ 42, 25.726,
228.459

■ 61, 14.665, 38.048

■ 41, 26.492,
231.503

■ 63, 19.463, 38.123

■ 41, 26.628,
232.029

■ 65, 24.301, 38.229

■ 67, 29.159, 38.358

Harmonies

Complementary

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



50, 11.549, 219.268



46, 13.926, 38.091

Rectangle

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



50, 11.549, 219.268



50, 11.549, 269.268



50, 11.549, 39.268



50, 11.549, 89.268

Sweetspot

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



50, 11.549, 219.263



68, 4.306, 218.513



51, 23.071, 147.952



36, 3.074, 218.534



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



50, 11.549, 219.263



63, 16.866, 219.684



45, 15.556, 276.506



27, 2.462, 218.528



41, 26.494, 232.002



0, 0.603, 218.241

Inverse Universe

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



45, 23.063, 331.868



55, 34.410, 332.291



51, 15.565, 88.976



26, 4.624, 330.663



29, 60.785, 337.180



0, 1.100, 330.149

Previews

White Background



This preview shows how the CIE LCh color 50, 11.549, 219.268 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 50, 11.549, 219.268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

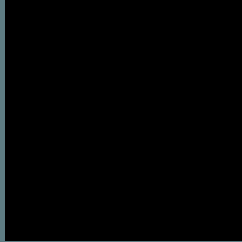
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

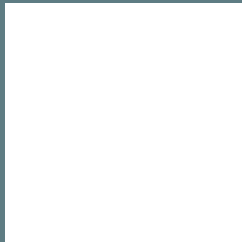
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 11.549, 219.268

Background



This preview shows how black text looks on a background with the CIELCh color 50, 11.549, 219.268.



This preview shows how white text looks on a background with the CIELCh color 50, 11.549, 219.268.

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

50, 11.549, 219.268

Protanopia

50, 5.273, 290.871

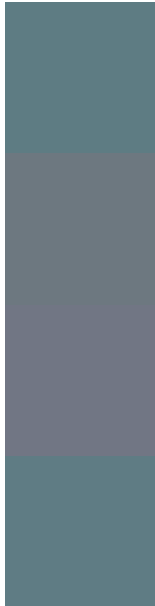
Deuteranopia

50, 11.165, 309.654



Tritanopia
50, 11.600, 225.596

Trichromacy



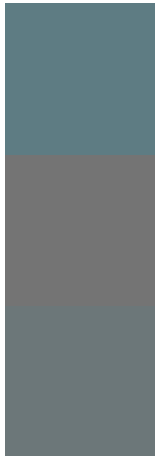
Original Color
50, 11.549, 219.268

Protanomaly
50, 6.214, 248.212

Deuteranomaly
50, 8.379, 278.152

Tritanomaly
50, 11.405, 222.793

Monochromacy



Original Color
50, 11.549, 219.268

Achromatopsia
49, 0.007, 296.813

Achromatomaly
49, 4.431, 214.427

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 11.549, 219.268 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(94, 124, 131)` looks like.

```
.text, #text, p{  
    color:rgb(94, 124, 131)  
}
```

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(94, 124, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 124, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 11.549, 219.268 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(94, 124, 131) }
```

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

```
.border{ border-color:rgb(94, 124, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 124, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 124, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 124, 131);  
box-shadow:4px 4px 4px 4px rgb(94, 124,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 11.549, 219.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 124, 131) }
```

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

```
.background{ background-color: rgb(94, 124,  
131) }
```

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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