

Converting Colors

CIELCh(50, 17.963, 179.612)

Have a look what the booklet for
CIELCh(50, 17.963, 179.612)
contains.

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Color

CIELCh(50, 18.139, 178.617)

Conversions

Conversions Part 1

Format	Color
Hex	528076
RGB	82, 128, 118
RGB Percent	32%, 50%, 46%
CMY	0.6798, 0.4995, 0.5387
CMYK	0.36, 0.00, 0.08, 0.50
HSL	167°, 22%, 41%
HSV	167°, 36%, 50%
XYZ	14.3675, 18.4187, 19.8242
YIQ	113.1060, -24.2060, -12.8620

Conversions

Conversions Part 2

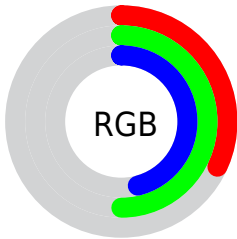
Format	Color
RYB	82, 108, 128
Decimal	5406838
CIELab	50.00, -18.13, 0.44
CIElCh	50, 18.139, 178.617
Yxy	18.4187, 0.2731, 0.3501
Android (android.graphics.Color)	4283596918 (0xFF528076)
YUV	113.1060, 2.4127, -27.2800
Hunter-Lab	42.9170, -15.3474, 2.6546

Details

The CIELCh color **50, 18.139, 178.617** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **40, 20.826, 5.998**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 18.241, 178.585**, and **30, 18.299, 178.310** is the 20% darker color. If you saturate the color by 10%, you get **49, 22.529, 177.538**, and if you desaturate by 10%, it is **51, 13.400, 179.621**.

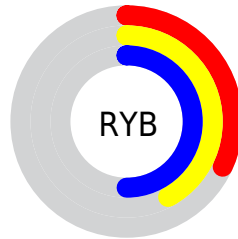
Distribution



Red (32%)

Green (50%)

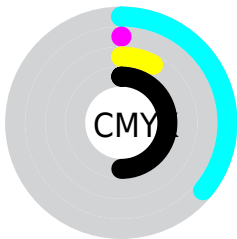
Blue (46%)



Red (32%)

Yellow (42%)

Blue (50%)

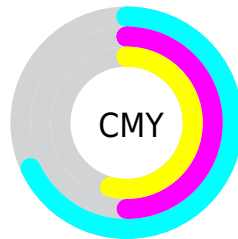


Cyan (36%)

Magenta (0%)

Yellow (8%)

Black (50%)



Cyan (68%)


Magenta (50%)


Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 18.139, 178.617 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, 18.139, 178.617 by changing the saturation by 10% instead.


 50, 18.139,
178.617


 50, 18.139,
178.617


 100, 18.139,
178.617


 40, 18.139,
178.617


 70, 18.139,
178.617

 30, 18.139,
178.617


 80, 18.139,
178.617


 20, 18.139,
178.617

 90, 18.139,
178.617

 10, 18.139,
178.617

 0, 18.139, 178.617

 50, 18.139,
178.617

 50, 18.139,
178.617

■ 49, 22.529,
177.538

■ 51, 13.400,
179.621

■ 49, 26.487,
176.372

■ 52, 8.393, 180.576

■ 48, 29.945,
175.096

■ 53, 3.195, 181.535

■ 54, 2.122, 2.098

■ 48, 32.851,
173.688

■ 55, 7.501, 3.034

■ 48, 35.190,
172.130

■ 56, 12.894, 3.836

■ 58, 18.263, 4.599

■ 47, 37.028,
170.432

■ 59, 23.581, 5.332

■ 47, 37.727,
169.780

■ 61, 28.826, 6.040

Harmonies

Complementary

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



50, 18.139, 178.617



40, 20.826, 5.998

Rectangle

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



50, 18.139, 178.617



50, 18.139, 228.617



50, 18.139, 358.617



50, 18.139, 48.617

Sweetspot

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



50, 18.140, 178.615



67, 7.174, 181.024



50, 30.365, 136.001



35, 4.851, 180.920



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



50, 18.140, 178.615



63, 26.220, 177.763



47, 13.741, 230.498



26, 2.973, 181.230



47, 37.698, 169.782



0, 0.000, 0.000

Inverse Universe

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



40, 20.826, 5.998



49, 31.122, 7.318



43, 17.236, 46.043



25, 3.073, 2.688



26, 54.158, 26.191



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 50, 18.139, 178.617 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 50, 18.139, 178.617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

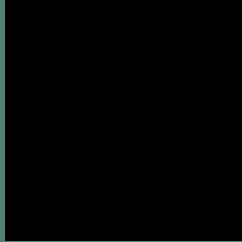
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 18.139, 178.617

Background



This preview shows how black text looks on a background with the CIELCh color 50, 18.139, 178.617.



This preview shows how white text looks on a background with the CIELCh color 50, 18.139, 178.617.

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, 18.139, 178.617

Protanopia
50, 3.857, 84.380

Deuteranopia
50, 6.409, 353.051



Tritanopia
50, 14.666, 221.829

Trichromacy



Original Color
50, 18.139, 178.617

Protanomaly
50, 7.658, 160.966

Deuteranomaly
50, 3.236, 188.728

Tritanomaly
50, 15.036, 204.653

Monochromacy



Original Color
50, 18.139, 178.617

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 6.582, 183.117

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 18.139, 178.617 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(82, 128, 118)` looks like.

```
.text, #text, p{  
    color:rgb(82, 128, 118)  
}
```

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(82, 128, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 128, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 18.139, 178.617 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(82, 128, 118) }
```

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

```
.border{ border-color:rgb(82, 128, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 128, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 128, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 128, 118);  
box-shadow:4px 4px 4px 4px rgb(82, 128,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 18.139, 178.617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 128, 118) }
```

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

```
.background{ background-color: rgb(82, 128,  
118) }
```

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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