

Converting Colors

CIELCh(57, 24.046, 181.007)

Have a look what the booklet for
CIELCh(57, 24.046, 181.007)
contains.

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Color

CIELCh(57, 23.856, 181.814)

Conversions

Conversions Part 1

Format	Color
Hex	529489
RGB	82, 148, 137
RGB Percent	32%, 58%, 54%
CMY	0.6770, 0.4181, 0.4613
CMYK	0.44, 0.00, 0.07, 0.42
HSL	170°, 29%, 45%
HSV	170°, 44%, 58%
XYZ	18.7009, 24.9227, 27.6279
YIQ	127.0120, -35.8050, -17.4130

Conversions

Conversions Part 2

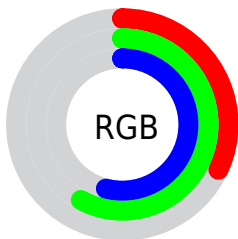
Format	Color
R_{YB}	82, 118, 148
Decimal	5411977
CIE _{Lab}	57.00, -23.84, -0.76
CIE _{LCh}	57, 23.856, 181.814
Yxy	24.9227, 0.2625, 0.3498
Android (android.graphics.Color)	4283602057 (0xFF529489)
YUV	127.0120, 4.9241, -39.4755
Hunter-Lab	49.9226, -20.4990, 2.1338

Details

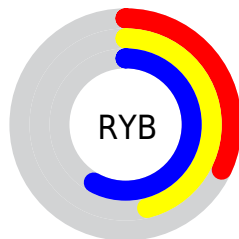
The CIELCh color **57, 23.856, 181.814** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **43, 29.333, 11.345**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 23.818, 181.837**, and **37, 24.004, 181.351** is the 20% darker color. If you saturate the color by 10%, you get **56, 28.108, 180.759**, and if you desaturate by 10%, it is **58, 19.091, 182.799**.

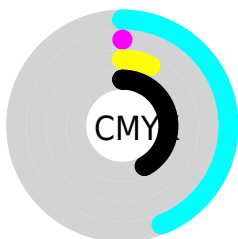
Distribution



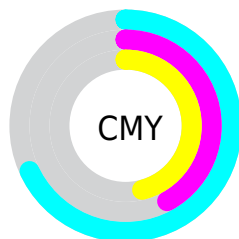
- Red (32%)
- Green (58%)
- Blue (54%)



- Red (32%)
- Yellow (46%)
- Blue (58%)



- Cyan (44%)
- Magenta (0%)
- Yellow (7%)
- Black (42%)





- Cyan (68%)
- Magenta (42%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 23.856, 181.814 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, 23.856, 181.814 by changing the saturation by 10% instead.


 57, 23.856,
181.814


 57, 23.856,
181.814


 100, 23.856,
181.814


 47, 23.856,
181.814


 77, 23.856,
181.814

 37, 23.856,
181.814

 87, 23.856,
181.814

 27, 23.856,
181.814

 97, 23.856,
181.814

 17, 23.856,
181.814

 7, 23.856, 181.814

 0, 23.856, 181.814

■ 57, 23.856,
181.814

■ 57, 23.856,
181.814

■ 56, 28.108,
180.759

■ 58, 19.091,
182.799

■ 56, 31.766,
179.620

■ 59, 13.904,
183.735

■ 55, 34.777,
178.376

■ 60, 8.388, 184.641

■ 55, 37.124,
177.006

■ 61, 2.634, 185.600

■ 62, 3.279, 6.136

■ 55, 38.841,
175.496

■ 64, 9.283, 7.014

■ 55, 39.671,
174.657

■ 65, 15.322, 7.806

■ 67, 21.352, 8.565

■ 68, 27.340, 9.302

Harmonies

Complementary

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



57, 23.856, 181.814



43, 29.333, 11.345

Rectangle

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



57, 23.856, 181.814



57, 23.856, 231.814



57, 23.856, 1.814



57, 23.856, 51.814

Sweetspot

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



57, 23.856, 181.812



76, 9.379, 184.750



56, 42.810, 136.787



40, 6.522, 184.567



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



57, 23.856, 181.812



72, 34.050, 180.801



51, 18.753, 239.124



31, 3.290, 185.122



51, 37.521, 174.778



2, 2.919, 185.827

Inverse Universe

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



43, 29.333, 11.345



52, 43.958, 13.368



48, 24.498, 50.947



29, 3.420, 6.557



28, 59.300, 30.454



1, 2.919, 5.812

Previews

White Background



This preview shows how the CIELCh color 57, 23.856, 181.814 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 57, 23.856, 181.814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

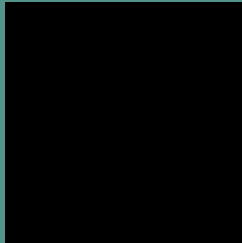
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 23.856, 181.814

Background



This preview shows how black text looks on a background with the CIELCh color 57, 23.856, 181.814.

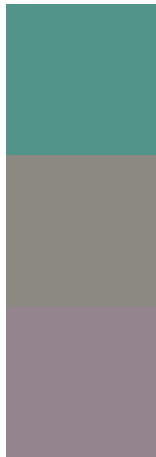


This preview shows how white text looks on a background with the CIELCh color 57, 23.856, 181.814.

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, 23.856, 181.814

Protanopia
57, 3.757, 84.490

Deuteranopia
57, 7.841, 339.346



Tritanopia
57, 19.660, 218.390

Trichromacy



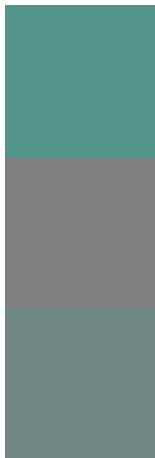
Original Color
57, 23.856, 181.814

Protanomaly
56, 9.078, 172.373

Deuteranomaly
56, 5.775, 210.381

Tritanomaly
57, 20.133, 204.160

Monochromacy



Original Color
57, 23.856, 181.814

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 9.476, 184.369

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 23.856, 181.814 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, 148, 137)` looks like.

```
.text, #text, p{  
    color:rgb(82, 148, 137)  
}
```

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, 148, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 148, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 23.856, 181.814 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, 148, 137) }
```

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

```
.border{ border-color:rgb(82, 148, 137) }
```

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

Here you see how a box with a 4 pixel rgb(82, 148, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 148, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 148, 137);  
box-shadow:4px 4px 4px 4px rgb(82, 148,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 23.856, 181.814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 148, 137) }
```

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

```
.background{ background-color: rgb(82, 148,  
137) }
```

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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