

Converting Colors

CIELCh(57, 26.605, 173.392)

Have a look what the booklet for
CIELCh(57, 26.605, 173.392)
contains.

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Color

CIELCh(57, 26.506, 174.049)

Conversions

Conversions Part 1

Format	Color
Hex	509583
RGB	80, 149, 131
RGB Percent	31%, 58%, 51%
CMY	0.6854, 0.4148, 0.4854
CMYK	0.46, 0.00, 0.12, 0.41
HSL	164°, 30%, 45%
HSV	164°, 46%, 59%
XYZ	18.2191, 24.9227, 25.3976
YIQ	126.3170, -35.3460, -20.2260

Conversions

Conversions Part 2

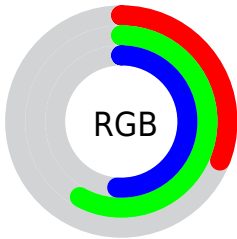
Format	Color
RYB	80, 120, 149
Decimal	5281155
CIELab	57.00, -26.36, 2.75
CIELCh	57, 26.506, 174.049
Yxy	24.9227, 0.2658, 0.3636
Android (android.graphics.Color)	4283471235 (0xFF509583)
YUV	126.3170, 2.3087, -40.6200
Hunter-Lab	49.9226, -22.2217, 4.7827

Details

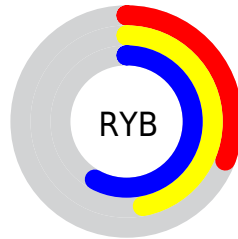
The CIELCh color **57, 26.506, 174.049** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **43, 31.019, 4.584**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 26.318, 174.546**, and **37, 26.592, 174.180** is the 20% darker color. If you saturate the color by 10%, you get **56, 31.210, 172.778**, and if you desaturate by 10%, it is **58, 21.321, 175.207**.

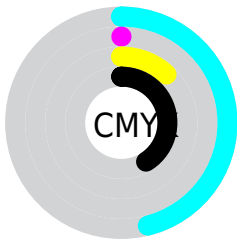
Distribution



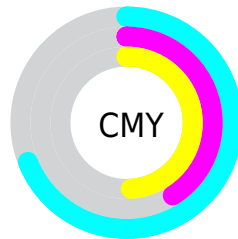
- Red (31%)
- Green (58%)
- Blue (51%)



- Red (31%)
- Yellow (47%)
- Blue (58%)



- Cyan (46%)
- Magenta (0%)
- Yellow (12%)
- Black (41%)




- Cyan (69%)
- Magenta (41%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 26.506, 174.049 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, 26.506, 174.049 by changing the saturation by 10% instead.


 57, 26.506,
174.049


 57, 26.506,
174.049


 100, 26.506,
174.049


 47, 26.506,
174.049


 77, 26.506,
174.049

 37, 26.506,
174.049

 87, 26.506,
174.049

 27, 26.506,
174.049

 97, 26.506,
174.049

 17, 26.506,
174.049

 7, 26.506, 174.049

 0, 26.506, 174.049

■ 57, 26.506,
174.049

■ 57, 26.506,
174.049

■ 56, 31.210,
172.778

■ 58, 21.321,
175.207

■ 56, 35.347,
171.375

■ 59, 15.750,
176.277

■ 55, 38.860,
169.817

■ 60, 9.892, 177.281

■ 55, 41.729,
168.084

■ 61, 3.838, 178.270

■ 62, 2.330, 358.872

■ 55, 44.014,
166.184

■ 64, 8.545, 359.827

■ 55, 44.828,
165.485

■ 65, 14.752, 0.639

■ 67, 20.909, 1.407

■ 69, 26.987, 2.142

Harmonies

Complementary

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



57, 26.506, 174.049



43, 31.019, 4.584

Rectangle

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



57, 26.506, 174.049



57, 26.506, 224.049



57, 26.506, 354.049



57, 26.506, 44.049

Sweetspot

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



57, 26.507, 174.048



76, 10.575, 177.472



57, 43.514, 134.419



40, 7.263, 177.281



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, 26.507, 174.048



72, 37.788, 172.796



53, 19.273, 227.148



31, 3.440, 177.970



51, 42.180, 165.647



2, 3.038, 178.731

Inverse Universe

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



43, 31.019, 4.584



51, 45.719, 6.655



46, 26.634, 42.696



29, 3.543, 359.505



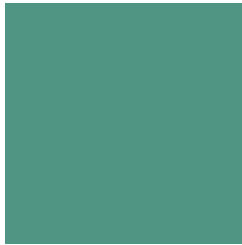
28, 56.065, 23.037



1, 3.039, 358.717

Previews

White Background



This preview shows how the CIELCh color 57, 26.506, 174.049 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, 26.506, 174.049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

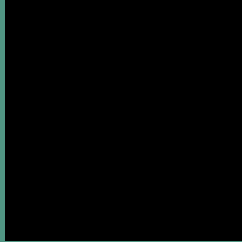
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 26.506, 174.049

Background



This preview shows how black text looks on a background with the CIELCh color 57, 26.506, 174.049.

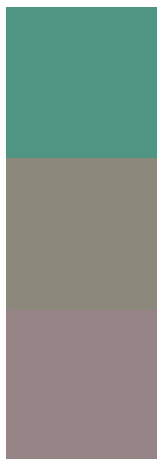


This preview shows how white text looks on a background with the CIELCh color 57, 26.506, 174.049.

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, 26.506, 174.049

Protanopia
57, 7.110, 92.688

Deuteranopia
57, 7.406, 6.859



Tritanopia
57, 19.660, 218.390

Trichromacy



Original Color
57, 26.506, 174.049

Protanomaly
57, 11.824, 155.837

Deuteranomaly
56, 5.566, 174.655

Tritanomaly
57, 20.836, 199.077

Monochromacy



Original Color
57, 26.506, 174.049

Achromatopsia
53, 0.007, 296.813

Achromatomaly
54, 10.238, 178.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 26.506, 174.049 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(80, 149, 131)` looks like.

```
.text, #text, p{  
    color:rgb(80, 149, 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(80, 149, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 149, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 26.506, 174.049 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(80, 149, 131) }
```

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

```
.border{ border-color:rgb(80, 149, 131) }
```

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

Here you see how a box with a 4 pixel rgb(80, 149, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 149, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 149, 131);  
box-shadow:4px 4px 4px 4px rgb(80, 149,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 26.506, 174.049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 149, 131) }
```

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

```
.background{ background-color: rgb(80, 149,  
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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