

Converting Colors

CIELCh(57, 9.536, 247.740)

Have a look what the booklet for
CIELCh(57, 9.536, 247.740) contains.

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Color

CIELCh(57, 9.745, 248.818)

Conversions

Conversions Part 1

Format	Color
Hex	798B98
RGB	121, 139, 152
RGB Percent	47%, 55%, 60%
CMY	0.5243, 0.4536, 0.4026
CMYK	0.20, 0.09, 0.00, 0.40
HSL	205°, 13%, 54%
HSV	205°, 20%, 60%
XYZ	22.9019, 24.9227, 33.4484
YIQ	135.1000, -14.9010, 0.2270

Conversions

Conversions Part 2

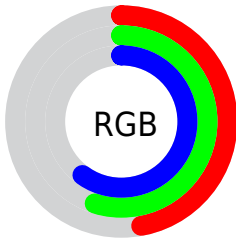
Format	Color
RYB	121, 132, 152
Decimal	7965592
CIELab	57.00, -3.52, -9.09
CIELCh	57, 9.745, 248.818
Yxy	24.9227, 0.2818, 0.3067
Android (android.graphics.Color)	4286155672 (0xFF798B98)
YUV	135.1000, 8.3317, -12.3657
Hunter-Lab	49.9226, -5.4782, -4.7788

Details

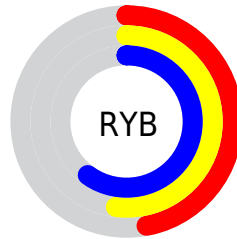
The CIELCh color $57, 9.745, 248.818$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 10.549, 64.066$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 9.670, 250.381$, and $37, 9.674, 249.261$ is the 20% darker color. If you saturate the color by 10%, you get $54, 14.318, 250.459$, and if you desaturate by 10%, it is $60, 5.021, 247.468$.

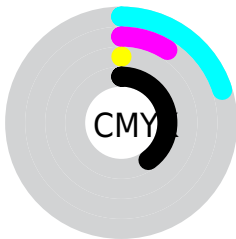
Distribution



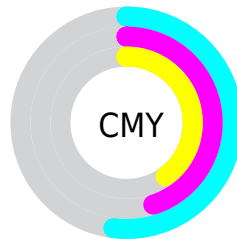
- Red (47%)
- Green (55%)
- Blue (60%)



- Red (47%)
- Yellow (52%)
- Blue (60%)



- Cyan (20%)
- Magenta (9%)
- Yellow (0%)
- Black (40%)



- Cyan (52%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 9.745, 248.818 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, 9.745, 248.818 by changing the saturation by 10% instead.

■ 57, 9.745, 248.818

■ 57, 9.745, 248.818

■ 100, 9.745,
248.818

■ 47, 9.745, 248.818

■ 77, 9.745, 248.818

■ 37, 9.745, 248.818

■ 87, 9.745, 248.818

■ 27, 9.745, 248.818

■ 97, 9.745, 248.818

■ 17, 9.745, 248.818

■ 7, 9.745, 248.818

■ 0, 9.745, 248.818

■ 57, 9.745, 248.818

■ 57, 9.745, 248.818

■ 54, 14.318,
250.459

■ 60, 5.021, 247.468

■ 63, 0.180, 248.202

51, 18.711,
252.457

66, 4.749, 65.216

49, 22.898,
254.871

69, 9.739, 64.443

46, 26.865,
257.766

72, 14.769, 63.766

43, 30.625,
261.197

75, 19.819, 63.182

41, 34.221,
265.181

78, 24.874, 62.676

81, 29.923, 62.235

39, 37.735,
269.665

84, 33.891, 63.404

37, 41.191,
274.122

Harmonies

Complementary

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



57, 9.745, 248.818



57, 10.549, 64.066

Rectangle

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



57, 9.745, 248.818



57, 9.745, 298.818



57, 9.745, 68.818



57, 9.745, 118.818

Sweetspot

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



57, 9.744, 248.811



78, 3.634, 247.005



60, 15.789, 157.793



41, 2.402, 247.062



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



57, 9.744, 248.811



71, 14.195, 249.452



53, 16.489, 288.970



31, 2.753, 247.336



34, 38.547, 273.726



2, 3.021, 247.381

Inverse Universe

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



54, 16.019, 341.131



68, 23.523, 341.495



62, 15.882, 104.533



30, 4.423, 340.198



30, 55.767, 353.777



1, 4.704, 340.014

Previews

White Background



This preview shows how the CIELCh color 57, 9.745, 248.818 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, 9.745, 248.818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

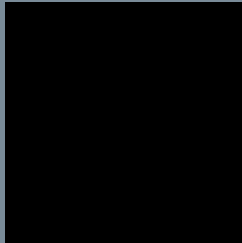
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

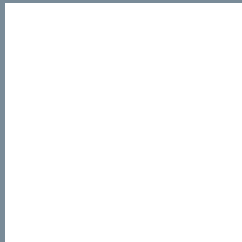
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 9.745, 248.818

Background



This preview shows how black text looks on a background with the CIELCh color 57, 9.745, 248.818.



This preview shows how white text looks on a background with the CIELCh color 57, 9.745, 248.818.

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, 9.745, 248.818

Protanopia

57, 7.995, 288.428

Deuteranopia

57, 12.522, 307.190



Tritanopia
57, 9.210, 242.043

Trichromacy



Original Color
57, 9.745, 248.818

Protanomaly
57, 8.344, 272.977

Deuteranomaly
57, 10.287, 289.320

Tritanomaly
57, 9.210, 242.043

Monochromacy



Original Color
57, 9.745, 248.818

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 3.488, 240.293

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 9.745, 248.818 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(121, 139, 152)` looks like.

```
.text, #text, p{  
    color:rgb(121, 139, 152)  
}
```

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(121, 139, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 139, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 9.745, 248.818 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(121, 139, 152) }
```

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

```
.border{ border-color:rgb(121, 139, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 139, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 139, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 139, 152);  
box-shadow:4px 4px 4px 4px rgb(121, 139,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 9.745, 248.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 139, 152) }
```

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

```
.background{ background-color: rgb(121,  
139, 152) }
```

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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