

Converting Colors

CIELCh(57, 12.512, 353.807)

Have a look what the booklet for
CIELCh(57, 12.512, 353.807)
contains.

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Color

CIELCh(57, 12.512, 353.807)

Conversions

Conversions Part 1

Format	Color
Hex	9D818B
RGB	157, 129, 139
RGB Percent	62%, 51%, 55%
CMY	0.3824, 0.4922, 0.4530
CMYK	0.00, 0.18, 0.11, 0.38
HSL	339°, 13%, 56%
HSV	339°, 18%, 62%
XYZ	26.6101, 24.9227, 28.0190
YIQ	138.5120, 13.4780, 9.0460

Conversions

Conversions Part 2

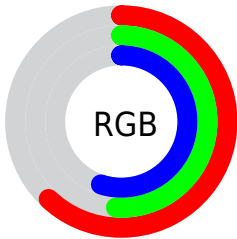
Format	Color
R_{YB}	157, 129, 139
Decimal	10322315
CIE Lab	57.00, 12.44, -1.35
CIE LCh	57, 12.512, 353.807
Yxy	24.9227, 0.3345, 0.3133
Android (android.graphics.Color)	4288512395 (0xFF9D818B)
YUV	138.5120, 0.2406, 16.2140
Hunter-Lab	49.9226, 7.7808, 1.6694

Details

The CIELCh color $57, 12.512, 353.807$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $63, 12.014, 170.529$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 12.454, 355.027$, and $37, 12.117, 354.186$ is the 20% darker color. If you saturate the color by 10%, you get $53, 19.808, 354.977$, and if you desaturate by 10%, it is $61, 5.387, 352.765$.

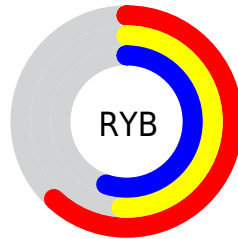
Distribution



Red (62%)

Green (51%)

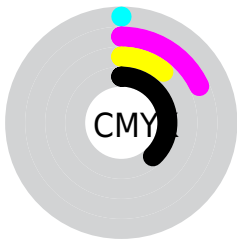
Blue (55%)



Red (62%)

Yellow (51%)

Blue (55%)

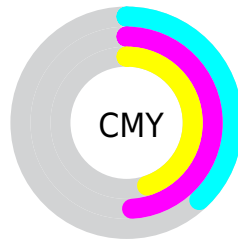


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (38%)



Cyan (38%)


Magenta (49%)

Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 12.512, 353.807 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, 12.512, 353.807 by changing the saturation by 10% instead.


 57, 12.512,
353.807


 57, 12.512,
353.807


 100, 12.512,
353.807


 47, 12.512,
353.807


 77, 12.512,
353.807


 37, 12.512,
353.807

 87, 12.512,
353.807

 27, 12.512,
353.807

 97, 12.512,
353.807

 17, 12.512,
353.807

 7, 12.512, 353.807

 0, 12.512, 353.807

57, 12.512,
353.807

57, 12.512,
353.807

53, 19.808,
354.977

61, 5.387, 352.765

49, 27.165,
356.333

66, 1.496, 172.204

45, 34.395,
357.949

70, 8.109, 171.201

41, 41.234,
359.918

75, 14.448,
170.462

38, 47.356, 2.367

80, 20.519,
169.802

36, 52.432, 5.456

84, 26.337,
169.201

34, 56.255, 9.348

89, 31.922,
168.648

33, 59.020, 14.035

93, 37.040,
168.357

33, 59.654, 15.068

■ 94, 34.230,
175.647

Harmonies

Complementary

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



57, 12.512, 353.807



63, 12.014, 170.529

Rectangle

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



57, 12.512, 353.807



57, 12.512, 43.807



57, 12.512, 173.807



57, 12.512, 223.807

Sweetspot

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



57, 12.510, 353.811



79, 4.251, 352.477



57, 17.426, 314.317



41, 2.897, 352.549



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



57, 12.510, 353.811



71, 18.332, 354.214



58, 10.172, 32.303



31, 3.934, 352.915



30, 55.445, 14.560



1, 5.012, 353.337

Inverse Universe

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



57, 12.510, 353.811



71, 18.332, 354.214



62, 9.051, 212.133



31, 3.934, 352.915



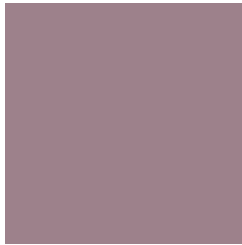
30, 55.445, 14.560



1, 5.012, 353.337

Previews

White Background



This preview shows how the CIELCh color 57, 12.512, 353.807 looks on a white background.

Color Contrast Check

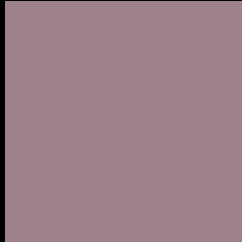
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.512, 353.807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

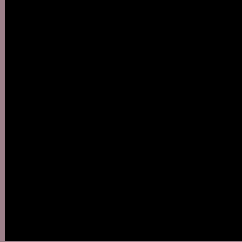
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 12.512, 353.807

Background



This preview shows how black text looks on a background with the CIELCh color 57, 12.512, 353.807.



This preview shows how white text looks on a background with the CIELCh color 57, 12.512, 353.807.

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, 12.512, 353.807

Protanopia
57, 4.083, 301.535

Deuteranopia
57, 7.208, 351.899



Tritanopia
57, 13.109, 352.421

Trichromacy



Original Color
57, 12.512, 353.807

Protanomaly
57, 6.298, 333.653

Deuteranomaly
57, 8.889, 353.775

Tritanomaly
57, 13.109, 352.421

Monochromacy



Original Color
57, 12.512, 353.807

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 4.310, 356.495

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 12.512, 353.807 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(157, 129, 139)` looks like.

```
.text, #text, p{  
    color:rgb(157, 129, 139)  
}
```

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(157, 129, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 129, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 12.512, 353.807 is called "border". The border property can be set on classes, ids or directly on the HTML element.

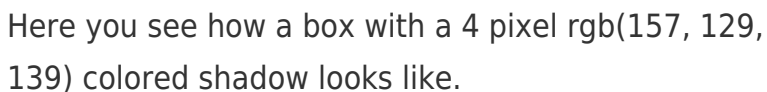
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 129, 139) }
```

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

```
.border{ border-color:rgb(157, 129, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 129, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 129, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 129, 139); box-shadow:4px 4px 4px 4px rgb(157, 129, 139) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 12.512, 353.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 129, 139) }
```

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

```
.background{ background-color: rgb(157,  
129, 139) }
```

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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