

Converting Colors

CIELCh(57, 12.486, 4.168)

Have a look what the booklet for
CIELCh(57, 12.486, 4.168) contains.

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Color

CIELCh(57, 12.689, 2.594)

Conversions

Conversions Part 1

Format	Color
Hex	9F8188
RGB	159, 129, 136
RGB Percent	62%, 51%, 53%
CMY	0.3757, 0.4934, 0.4659
CMYK	0.00, 0.19, 0.14, 0.38
HSL	346°, 14%, 57%
HSV	346°, 19%, 62%
XYZ	26.6680, 24.9227, 26.7668
YIQ	138.7680, 15.6330, 8.5370

Conversions

Conversions Part 2

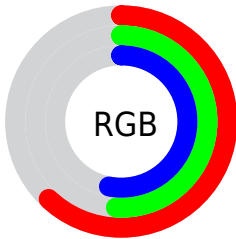
Format	Color
R_{YB}	159, 129, 136
Decimal	10453384
CIE _{Lab}	57.00, 12.68, 0.57
CIE _{LCh}	57, 12.689, 2.594
Yxy	24.9227, 0.3403, 0.3181
Android (android.graphics.Color)	4288643464 (0xFF9F8188)
YUV	138.7680, -1.3646, 17.7435
Hunter-Lab	49.9226, 7.9878, 3.1566

Details

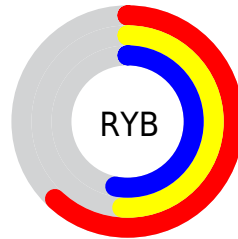
The CIELCh color $57, 12.689, 2.594$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $63, 11.867, 179.068$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 12.638, 3.266$, and $37, 12.368, 4.076$ is the 20% darker color. If you saturate the color by 10%, you get $53, 19.823, 3.865$, and if you desaturate by 10%, it is $62, 5.820, 1.498$.

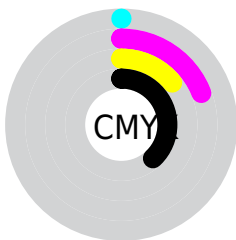
Distribution



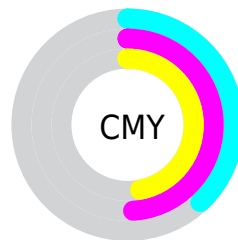
- Red (62%)
- Green (51%)
- Blue (53%)



- Red (62%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (19%)
- Yellow (14%)
- Black (38%)



- Cyan (38%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 12.689, 2.594 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, 12.689, 2.594 by changing the saturation by 10% instead.

 57, 12.689, 2.594  57, 12.689, 2.594

 100, 12.689, 2.594  47, 12.689, 2.594

 77, 12.689, 2.594  37, 12.689, 2.594

 87, 12.689, 2.594  27, 12.689, 2.594

 97, 12.689, 2.594  17, 12.689, 2.594

 7, 12.689, 2.594

 0, 12.689, 2.594

 57, 12.689, 2.594  57, 12.689, 2.594

 53, 19.823, 3.865  62, 5.820, 1.498

 48, 27.131, 5.377  66, 0.735, 181.229

45, 34.454, 7.226

71, 6.964, 179.915

41, 41.557, 9.527

75, 12.875,
179.179

38, 48.156, 12.425

80, 18.485,
178.535

36, 53.978, 16.069

34, 58.881, 20.553

85, 23.820,
177.959

33, 63.129, 25.604

90, 28.903,
177.437

33, 63.642, 26.152

94, 33.016,
177.966

94, 30.637,
188.780

Harmonies

Complementary

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



57, 12.689, 2.594



63, 11.867, 179.068

Rectangle

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



57, 12.689, 2.594



57, 12.689, 52.594



57, 12.689, 182.594



57, 12.689, 232.594

Sweetspot

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



57, 12.687, 2.599



80, 4.847, 1.201



57, 19.254, 318.599



42, 3.245, 1.268



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



57, 12.687, 2.599



70, 19.330, 3.154



59, 10.122, 46.536



31, 3.702, 1.540



29, 58.532, 25.572



1, 4.717, 1.643

Inverse Universe

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



57, 12.687, 2.599



70, 19.330, 3.154



61, 9.051, 228.763



31, 3.702, 1.540



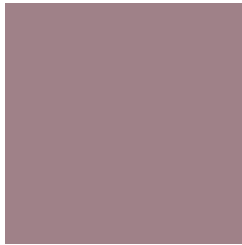
29, 58.532, 25.572



1, 4.717, 1.643

Previews

White Background



This preview shows how the CIELCh color 57, 12.689, 2.594 looks on a white background.

Color Contrast Check

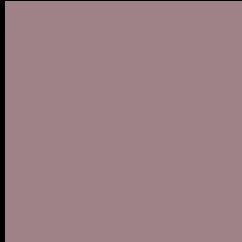
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.689, 2.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

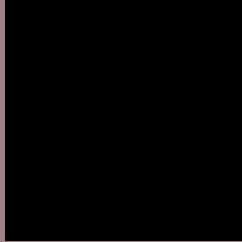
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 12.689, 2.594

Background



This preview shows how black text looks on a background with the CIELCh color 57, 12.689, 2.594.



This preview shows how white text looks on a background with the CIELCh color 57, 12.689, 2.594.

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, 12.689, 2.594

Protanopia

57, 2.426, 309.151

Deuteranopia

57, 7.396, 6.851



Tritanopia
57, 13.603, 356.302

Trichromacy



Original Color
57, 12.689, 2.594

Protanomaly
57, 5.542, 349.050

Deuteranomaly
57, 9.104, 5.941

Tritanomaly
57, 13.406, 358.542

Monochromacy



Original Color
57, 12.689, 2.594

Achromatopsia
58, 0.007, 296.813

Achromatomaly
57, 4.684, 358.485

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 12.689, 2.594 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(159, 129, 136)` looks like.

```
.text, #text, p{  
    color:rgb(159, 129, 136)  
}
```

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(159, 129, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 129, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 12.689, 2.594 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(159, 129, 136) }
```

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

```
.border{ border-color:rgb(159, 129, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 129, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 129, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 129, 136);  
box-shadow:4px 4px 4px 4px rgb(159, 129,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 12.689, 2.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 129, 136) }
```

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

```
.background{ background-color: rgb(159,  
129, 136) }
```

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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