

Converting Colors

CIELCh(57, 7.600, 22.782)

Have a look what the booklet for
CIELCh(57, 7.600, 22.782) contains.

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Color

CIELCh(57, 7.292, 24.549)

Conversions

Conversions Part 1

Format	Color
Hex	978584
RGB	151, 133, 132
RGB Percent	59%, 52%, 52%
CMY	0.4088, 0.4794, 0.4833
CMYK	0.00, 0.12, 0.13, 0.41
HSL	3°, 8%, 55%
HSV	3°, 13%, 59%
XYZ	25.2181, 24.9227, 25.2237
YIQ	138.2680, 11.0490, 3.5050

Conversions

Conversions Part 2

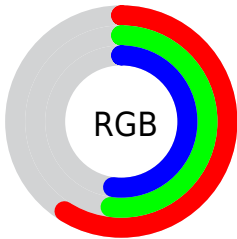
Format	Color
R_{YB}	151, 133, 132
Decimal	9930116
CIE Lab	57.00, 6.63, 3.03
CIE LCh	57, 7.292, 24.549
Yxy	24.9227, 0.3346, 0.3307
Android (android.graphics.Color)	4288120196 (0xFF978584)
YUV	138.2680, -3.0901, 11.1660
Hunter-Lab	49.9226, 2.8035, 4.9892

Details

The CIELCh color $57, 7.292, 24.549$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 6.731, 203.677$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 7.197, 24.161$, and $37, 7.089, 25.316$ is the 20% darker color. If you saturate the color by 10%, you get $53, 13.606, 25.229$, and if you desaturate by 10%, it is $61, 1.446, 23.838$.

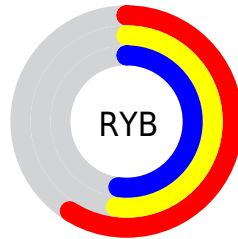
Distribution



Red (59%)

Green (52%)

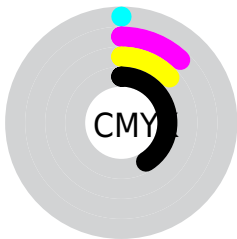
Blue (52%)



Red (59%)

Yellow (52%)

Blue (52%)

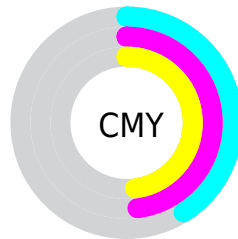


Cyan (0%)

Magenta (12%)

Yellow (13%)

Black (41%)



Cyan (41%)

Magenta (48%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 7.292, 24.549 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, 7.292, 24.549 by changing the saturation by 10% instead.

■ 57, 7.292, 24.549 ■ 57, 7.292, 24.549

■ 100, 7.292, 24.549 ■ 47, 7.292, 24.549

■ 77, 7.292, 24.549 ■ 37, 7.292, 24.549

■ 87, 7.292, 24.549 ■ 27, 7.292, 24.549

■ 97, 7.292, 24.549 ■ 17, 7.292, 24.549

■ 7, 7.292, 24.549

■ 0, 7.292, 24.549

■ 57, 7.292, 24.549 ■ 57, 7.292, 24.549

■ 53, 13.606, 25.229 ■ 61, 1.446, 23.838

■ 49, 20.404, 26.094 ■ 66, 3.960, 203.914

45, 27.664, 27.237

70, 8.966, 203.594

41, 35.318, 28.736

74, 13.615,
203.393

38, 43.235, 30.668

79, 17.948,
203.254

36, 51.200, 33.067

33, 58.859, 35.823

83, 22.003,
203.160

32, 65.500, 38.480

87, 25.815,
203.099

31, 69.376, 40.259

92, 29.415,
203.063

94, 31.707,
197.467

Harmonies

Complementary

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



57, 7.292, 24.549



61, 6.731, 203.677

Rectangle

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



57, 7.292, 24.549



57, 7.292, 74.549



57, 7.292, 204.549



57, 7.292, 254.549

Sweetspot

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



57, 7.291, 24.562



77, 2.776, 24.014



57, 12.667, 326.480



41, 1.994, 24.074



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, 7.291, 24.562



71, 10.883, 24.728



60, 6.815, 79.045



30, 3.267, 24.363



29, 65.392, 39.953



1, 3.416, 23.959

Inverse Universe

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



61, 6.731, 203.677



77, 9.866, 203.585



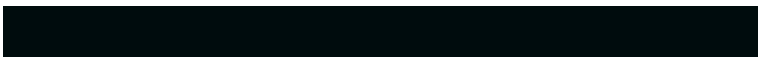
58, 6.676, 262.348



32, 3.083, 203.807



50, 29.996, 204.972



3, 3.392, 204.662

Previews

White Background



This preview shows how the CIELCh color 57, 7.292, 24.549 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, 7.292, 24.549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

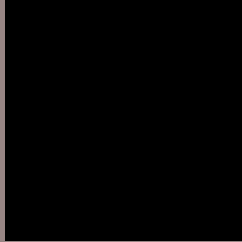
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 7.292, 24.549

Background



This preview shows how black text looks on a background with the CIELCh color 57, 7.292, 24.549.



This preview shows how white text looks on a background with the CIELCh color 57, 7.292, 24.549.

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, 7.292, 24.549

Protanopia

57, 1.940, 55.176

Deuteranopia

57, 8.085, 20.203



Tritanopia
57, 10.391, 343.482

Trichromacy



Original Color
57, 7.292, 24.549

Protanomaly
57, 3.765, 37.195

Deuteranomaly
57, 8.085, 20.203

Tritanomaly
57, 8.665, 357.165

Monochromacy



Original Color
57, 7.292, 24.549

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 2.772, 19.538

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 7.292, 24.549 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(151, 133, 132)` looks like.

```
.text, #text, p{  
    color:rgb(151, 133, 132)  
}
```

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(151, 133, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 133, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 7.292, 24.549 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(151, 133, 132) }
```

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

```
.border{ border-color:rgb(151, 133, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 133, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 133, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 133, 132);  
box-shadow:4px 4px 4px 4px rgb(151, 133,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 7.292, 24.549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 133, 132) }
```

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

```
.background{ background-color: rgb(151,  
133, 132) }
```

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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