

Converting Colors

CIELCh(57, 6.746, 11.722)

Have a look what the booklet for
CIELCh(57, 6.746, 11.722) contains.

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Color

CIELCh(57, 6.901, 10.624)

Conversions

Conversions Part 1

Format	Color
Hex	968587
RGB	150, 133, 135
RGB Percent	59%, 52%, 53%
CMY	0.4126, 0.4793, 0.4714
CMYK	0.00, 0.11, 0.10, 0.41
HSL	353°, 7%, 55%
HSV	353°, 11%, 59%
XYZ	25.2534, 24.9227, 26.3219
YIQ	138.3110, 9.4900, 4.2260

Conversions

Conversions Part 2

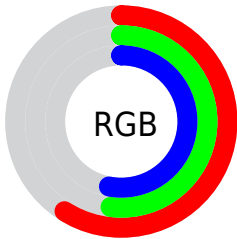
Format	Color
RYB	150, 133, 135
Decimal	9864583
CIELab	57.00, 6.78, 1.27
CIElCh	57, 6.901, 10.624
Yxy	24.9227, 0.3301, 0.3258
Android (android.graphics.Color)	4288054663 (0xFF968587)
YUV	138.3110, -1.6323, 10.2513
Hunter-Lab	49.9226, 2.9298, 3.6849

Details

The CIELCh color $57, 6.901, 10.624$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 6.533, 188.912$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $77, 6.845, 10.916$, and $37, 6.584, 14.988$ is the 20% darker color. If you saturate the color by 10%, you get $53, 13.381, 11.696$, and if you desaturate by 10%, it is $61, 0.794, 9.298$.

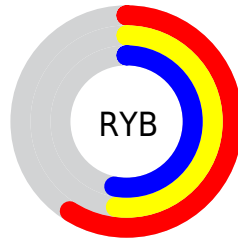
Distribution



Red (59%)

Green (52%)

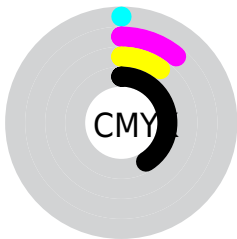
Blue (53%)



Red (59%)

Yellow (52%)

Blue (53%)

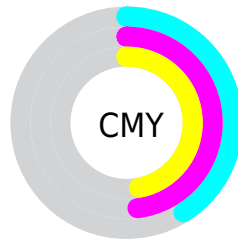


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (41%)



Cyan (41%)

Magenta (48%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 6.901, 10.624 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, 6.901, 10.624 by changing the saturation by 10% instead.

 57, 6.901, 10.624  57, 6.901, 10.624

 100, 6.901, 10.624  47, 6.901, 10.624


 77, 6.901, 10.624  37, 6.901, 10.624

 87, 6.901, 10.624  27, 6.901, 10.624

 97, 6.901, 10.624  17, 6.901, 10.624

 7, 6.901, 10.624

 0, 6.901, 10.624

 57, 6.901, 10.624  57, 6.901, 10.624

 53, 13.381, 11.696  61, 0.794, 9.298

 49, 20.211, 12.966  66, 4.938, 189.199

45, 27.321, 14.532

70, 10.317,
188.531

41, 34.578, 16.496

75, 15.371,
187.976

38, 41.790, 18.980

35, 48.718, 22.106

79, 20.132,
187.493

33, 55.135, 25.946

84, 24.629,
187.067

31, 60.864, 30.391

31, 65.366, 34.075

88, 28.893,
186.686

93, 32.949,
186.343

94, 32.057,
196.274

Harmonies

Complementary

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



57, 6.901, 10.624



61, 6.533, 188.912

Rectangle

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



57, 6.901, 10.624



57, 6.901, 60.624



57, 6.901, 190.624



57, 6.901, 240.624

Sweetspot

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



57, 6.900, 10.635



77, 2.195, 9.739



57, 11.270, 321.268



40, 1.663, 9.848



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, 6.900, 10.635



71, 10.600, 10.931



59, 5.576, 58.754



29, 3.378, 10.422



28, 61.222, 33.683



1, 2.876, 9.727

Inverse Universe

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



57, 6.900, 10.635



71, 10.600, 10.931



59, 5.302, 241.029



29, 3.378, 10.422



28, 61.222, 33.683



1, 2.876, 9.727

Previews

White Background



This preview shows how the CIELCh color 57, 6.901, 10.624 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, 6.901, 10.624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

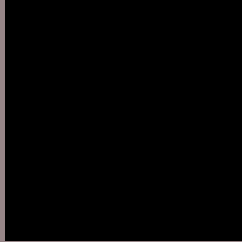
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 6.901, 10.624

Background



This preview shows how black text looks on a background with the CIELCh color 57, 6.901, 10.624.



This preview shows how white text looks on a background with the CIELCh color 57, 6.901, 10.624.

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, 6.901, 10.624

Protanopia

57, 1.319, 353.611

Deuteranopia

57, 7.803, 7.599



Tritanopia
57, 9.416, 343.239

Trichromacy



Original Color
57, 6.901, 10.624

Protanomaly
57, 3.224, 9.459

Deuteranomaly
57, 7.803, 7.599

Tritanomaly
57, 8.532, 352.511

Monochromacy



Original Color
57, 6.901, 10.624

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 2.441, 6.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 6.901, 10.624 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(150, 133, 135)` looks like.

```
.text, #text, p{  
    color:rgb(150, 133, 135)  
}
```

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(150, 133, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 133, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 6.901, 10.624 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(150, 133, 135) }
```

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

```
.border{ border-color:rgb(150, 133, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 133, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 133, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 133, 135);  
box-shadow:4px 4px 4px 4px rgb(150, 133,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 6.901, 10.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 133, 135) }
```

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

```
.background{ background-color: rgb(150,  
133, 135) }
```

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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