

Converting Colors

CIELCh(57, 8.134, 41.891)

Have a look what the booklet for
CIELCh(57, 8.134, 41.891) contains.

CIELCh(57, 7.885, 41.091)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(57, 7.885, 41.091)

Conversions

Conversions Part 1

Format	Color
Hex	978580
RGB	151, 133, 128
RGB Percent	59%, 52%, 50%
CMY	0.4077, 0.4783, 0.4979
CMYK	0.00, 0.12, 0.15, 0.41
HSL	13°, 10%, 55%
HSV	13°, 15%, 59%
XYZ	25.0559, 24.9227, 23.9206
YIQ	137.8120, 12.3330, 2.2610

Conversions

Conversions Part 2

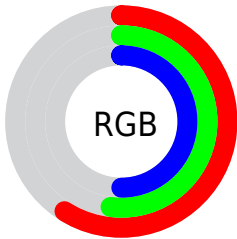
Format	Color
R_{YB}	151, 134, 128
Decimal	9930112
CIE _{Lab}	57.00, 5.94, 5.18
CIE _{LCh}	57, 7.885, 41.091
Yxy	24.9227, 0.3391, 0.3373
Android (android.graphics.Color)	4288120192 (0xFF978580)
YUV	137.8120, -4.8373, 11.5659
Hunter-Lab	49.9226, 2.2237, 6.5368

Details

The CIELCh color **57, 7.885, 41.091** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **59, 7.178, 222.198**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **77, 7.711, 40.123**, and **37, 7.827, 43.297** is the 20% darker color. If you saturate the color by 10%, you get **53, 13.599, 41.005**, and if you desaturate by 10%, it is **61, 2.601, 41.215**.

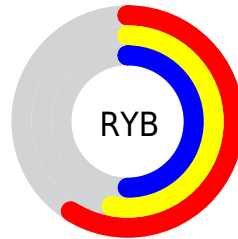
Distribution



Red (59%)

Green (52%)

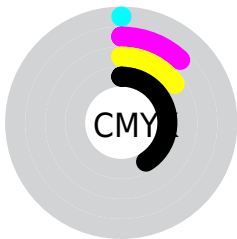
Blue (50%)



Red (59%)

Yellow (53%)

Blue (50%)

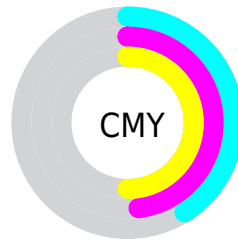


Cyan (0%)

Magenta (12%)

Yellow (15%)

Black (41%)



Cyan (41%)

Magenta (48%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 7.885, 41.091 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, 7.885, 41.091 by changing the saturation by 10% instead.

 57, 7.885, 41.091  57, 7.885, 41.091

 100, 7.885, 41.091  47, 7.885, 41.091

 77, 7.885, 41.091  37, 7.885, 41.091

 87, 7.885, 41.091  27, 7.885, 41.091

 97, 7.885, 41.091  17, 7.885, 41.091

 7, 7.885, 41.091

 0, 7.885, 41.091

 57, 7.885, 41.091  57, 7.885, 41.091

 53, 13.599, 41.005  61, 2.601, 41.215

 50, 19.775, 41.021  64, 2.289, 221.872

47, 26.430, 41.195

68, 6.827, 222.098

44, 33.549, 41.557

72, 11.053,
222.464

41, 41.064, 42.121

75, 15.004,
222.869

38, 48.807, 42.852

36, 56.397, 43.588

79, 18.714,
223.294

34, 63.064, 43.958

83, 22.212,
223.729

33, 66.123, 44.368

86, 25.524,
224.166

90, 27.664,
215.027

Harmonies

Complementary

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



57, 7.885, 41.091



59, 7.178, 222.198

Rectangle

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



57, 7.885, 41.091



57, 7.885, 91.091



57, 7.885, 221.091



57, 7.885, 271.091

Sweetspot

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



57, 7.884, 41.105



77, 3.079, 41.214



56, 13.669, 332.045



41, 2.123, 41.217



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, 7.884, 41.105



71, 11.688, 41.064



60, 9.629, 93.095



30, 2.887, 41.190



31, 62.257, 44.321



1, 3.026, 41.093

Inverse Universe

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



59, 7.178, 222.198



75, 10.417, 222.359



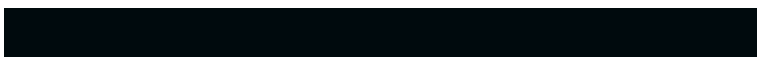
56, 9.682, 276.901



31, 2.733, 221.955



43, 28.367, 238.338



2, 3.003, 223.100

Previews

White Background



This preview shows how the CIELCh color 57, 7.885, 41.091 looks on a white background.

Color Contrast Check

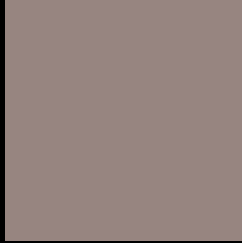
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 57, 7.885, 41.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

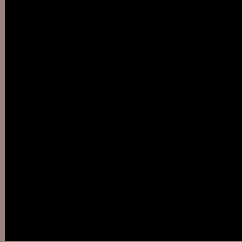
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 7.885, 41.091

Background



This preview shows how black text looks on a background with the CIELCh color 57, 7.885, 41.091.



This preview shows how white text looks on a background with the CIELCh color 57, 7.885, 41.091.

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, 7.885, 41.091

Protanopia

57, 3.944, 79.167

Deuteranopia

57, 8.895, 34.950



Tritanopia
57, 10.401, 347.395

Trichromacy



Original Color
57, 7.885, 41.091

Protanomaly
57, 5.282, 59.777

Deuteranomaly
57, 8.491, 35.632

Tritanomaly
57, 8.319, 4.436

Monochromacy



Original Color
57, 7.885, 41.091

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 3.000, 41.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 7.885, 41.091 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(151, 133, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 133, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 7.885, 41.091 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, 128) }
```

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

```
.border{ border-color:rgb(151, 133, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 133, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 133, 128);  
box-shadow:4px 4px 4px 4px rgb(151, 133,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 7.885, 41.091 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, 128) }
```

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

```
.background{ background-color: rgb(151,  
133, 128) }
```

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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