

Converting Colors

CIELCh(58, 6.050, 43.709)

Have a look what the booklet for
CIELCh(58, 6.050, 43.709) contains.

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Color

CIELCh(58, 5.957, 48.105)

Conversions

Conversions Part 1

Format	Color
Hex	968984
RGB	150, 137, 132
RGB Percent	59%, 54%, 52%
CMY	0.4126, 0.4635, 0.4831
CMYK	0.00, 0.09, 0.12, 0.41
HSL	17°, 8%, 55%
HSV	17°, 12%, 59%
XYZ	25.6099, 25.9610, 25.4211
YIQ	140.3170, 9.3530, 1.2010

Conversions

Conversions Part 2

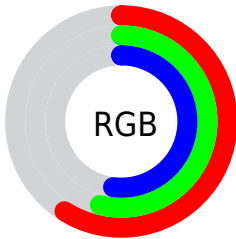
Format	Color
R_{YB}	150, 139, 132
Decimal	9865604
CIE _{Lab}	58.00, 3.98, 4.43
CIE _{LCh}	58, 5.957, 48.105
Yxy	25.9610, 0.3326, 0.3372
Android (android.graphics.Color)	4288055684 (0xFF968984)
YUV	140.3170, -4.1003, 8.4920
Hunter-Lab	50.9519, 0.5533, 6.0852

Details

The CIELCh color $58, 5.957, 48.105$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 5.572, 229.694$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 5.910, 46.479$, and $38, 5.835, 44.754$ is the 20% darker color. If you saturate the color by 10%, you get $55, 11.341, 47.693$, and if you desaturate by 10%, it is $61, 0.959, 48.287$.

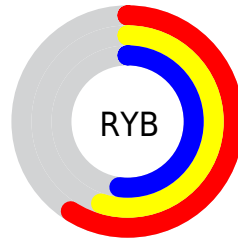
Distribution



Red (59%)

Green (54%)

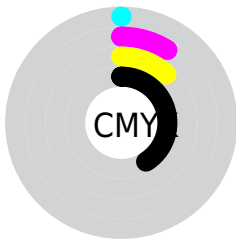
Blue (52%)



Red (59%)

Yellow (55%)

Blue (52%)

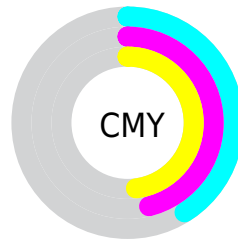


Cyan (0%)

Magenta (9%)

Yellow (12%)

Black (41%)



Cyan (41%)

Magenta (46%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 5.957, 48.105 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 58, 5.957, 48.105 by changing the saturation by 10% instead.

 58, 5.957, 48.105  58, 5.957, 48.105

 100, 5.957, 48.105  48, 5.957, 48.105

 78, 5.957, 48.105  38, 5.957, 48.105

 88, 5.957, 48.105  28, 5.957, 48.105

 98, 5.957, 48.105  18, 5.957, 48.105

 8, 5.957, 48.105

 0, 5.957, 48.105

 58, 5.957, 48.105  58, 5.957, 48.105

 55, 11.341, 47.693  61, 0.959, 48.287

 52, 17.146, 47.330  65, 3.690, 229.409

48, 23.398, 47.070

68, 8.030, 229.952

45, 30.099, 46.937

72, 12.096,
230.557

43, 37.212, 46.941

75, 15.921,
231.178

40, 44.621, 47.053

38, 52.041, 47.158

78, 19.535,
231.803

36, 58.850, 46.955

82, 22.964,
232.423

34, 63.888, 46.903

85, 26.231,
233.034

88, 27.255,
221.649

Harmonies

Complementary

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



58, 5.957, 48.105



59, 5.572, 229.694

Rectangle

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



58, 5.957, 48.105



58, 5.957, 98.105



58, 5.957, 228.105



58, 5.957, 278.105

Sweetspot

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



58, 5.957, 48.123



77, 2.374, 48.396



57, 10.318, 333.724



40, 1.687, 48.389



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



58, 5.957, 48.123



73, 8.639, 48.024



60, 7.920, 96.944



30, 2.743, 48.244



31, 59.708, 46.965



1, 2.327, 48.825

Inverse Universe

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



59, 5.572, 229.694



74, 7.970, 229.861



57, 8.002, 279.804



30, 2.609, 229.508



39, 29.701, 250.593



2, 2.327, 228.844

Previews

White Background



This preview shows how the CIELCh color 58, 5.957, 48.105 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 58, 5.957, 48.105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

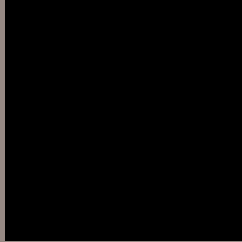
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 5.957, 48.105

Background



This preview shows how black text looks on a background with the CIELCh color 58, 5.957, 48.105.



This preview shows how white text looks on a background with the CIELCh color 58, 5.957, 48.105.

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


58, 5.957, 48.105

Protanopia

58, 3.741, 84.505

Deuteranopia

58, 8.700, 31.410



Tritanopia
58, 8.768, 339.991

Trichromacy



Original Color
58, 5.957, 48.105

Protanomaly
58, 3.971, 64.961

Deuteranomaly
58, 7.642, 37.220

Tritanomaly
58, 6.364, 359.176

Monochromacy



Original Color
58, 5.957, 48.105

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 2.267, 49.332

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 5.957, 48.105 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, 137, 132)` looks like.

```
.text, #text, p{  
    color:rgb(150, 137, 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(150, 137, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 137, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 5.957, 48.105 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, 137, 132) }
```

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

```
.border{ border-color:rgb(150, 137, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 137, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 137, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 137, 132);  
box-shadow:4px 4px 4px 4px rgb(150, 137,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 5.957, 48.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 137, 132) }
```

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

```
.background{ background-color: rgb(150,  
137, 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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