

Converting Colors

CIELCh(58, 12.999, 106.814)

Have a look what the booklet for
CIELCh(58, 12.999, 106.814)
contains.

CIELCh(58, 12.983, 106.825)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 12.983, 106.825)

Conversions

Conversions Part 1

Format	Color
Hex	8E8D76
RGB	142, 141, 118
RGB Percent	56%, 55%, 46%
CMY	0.4446, 0.4485, 0.5386
CMYK	0.00, 0.01, 0.17, 0.44
HSL	58°, 10%, 51%
HSV	58°, 17%, 56%
XYZ	23.8132, 25.9610, 20.7856
YIQ	138.6770, 7.9790, -6.9410

Conversions

Conversions Part 2

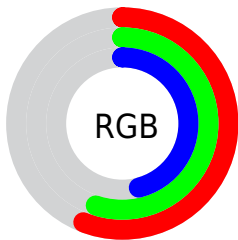
Format	Color
RYB	119, 142, 118
Decimal	9342326
CIELab	58.00, -3.76, 12.43
CIELCh	58, 12.983, 106.825
Yxy	25.9610, 0.3375, 0.3679
Android (android.graphics.Color)	4287532406 (0xFF8E8D76)
YUV	138.6770, -10.1938, 2.9143
Hunter-Lab	50.9519, -5.7409, 11.4792

Details

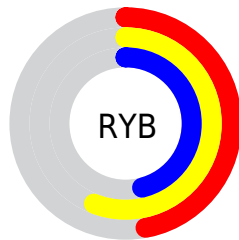
The CIELCh color $58, 12.983, 106.825$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $51, 13.438, 290.323$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 13.302, 107.287$, and $38, 12.790, 106.077$ is the 20% darker color. If you saturate the color by 10%, you get $58, 20.586, 105.852$, and if you desaturate by 10%, it is $59, 5.321, 107.797$.

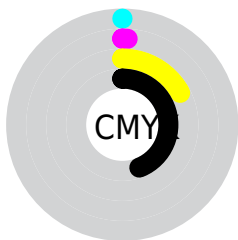
Distribution



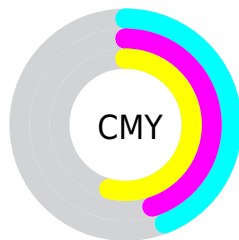
- Red (56%)
- Green (55%)
- Blue (46%)



- Red (47%)
- Yellow (56%)
- Blue (46%)



- Cyan (0%)
- Magenta (1%)
- Yellow (17%)
- Black (44%)





- Cyan (44%)
- Magenta (45%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 12.983, 106.825 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, 12.983, 106.825 by changing the saturation by 10% instead.


 58, 12.983,
106.825


 58, 12.983,
106.825


 100, 12.983,
106.825


 48, 12.983,
106.825


 78, 12.983,
106.825

 38, 12.983,
106.825

 88, 12.983,
106.825

 28, 12.983,
106.825

 98, 12.983,
106.825

 18, 12.983,
106.825

 8, 12.983, 106.825

 0, 12.983, 106.825

■ 58, 12.983,
106.825

■ 58, 12.983,
106.825

■ 58, 20.586,
105.852

■ 59, 5.321, 107.797

■ 59, 2.362, 288.791

■ 57, 28.060,
104.877

■ 60, 10.038,
289.699

■ 57, 35.305,
103.926

■ 60, 17.688,
290.592

■ 56, 42.159,
103.019

■ 61, 25.302,
291.450

■ 56, 48.384,
102.183

■ 62, 32.868,
292.268

■ 56, 53.652,
101.447

■ 62, 40.382,
293.045

■ 56, 57.583,
100.840

■ 63, 47.837,
293.781

■ 55, 60.033,

100.364

■ 64, 55.230,
294.474

■ 55, 60.720,
100.225

Harmonies

Complementary

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



58, 12.983, 106.825



51, 13.438, 290.323

Rectangle

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



58, 12.983, 106.825



58, 12.983, 156.825



58, 12.983, 286.825



58, 12.983, 336.825

Sweetspot

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



58, 12.984, 106.831



74, 4.739, 107.970



52, 9.948, 16.538



39, 3.222, 107.912



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



58, 12.984, 106.831



73, 18.934, 106.490



57, 14.286, 126.535



30, 4.361, 107.582



53, 58.695, 100.237



2, 2.957, 108.472

Inverse Universe

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



51, 13.438, 290.323



62, 19.743, 290.768



51, 14.646, 308.103



28, 4.447, 289.422



15, 81.327, 305.563



0, 2.957, 288.474

Previews

White Background



This preview shows how the CIELCh color 58, 12.983, 106.825 looks on a white background.

Color Contrast Check

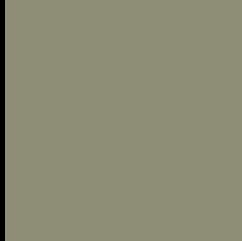
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 12.983, 106.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

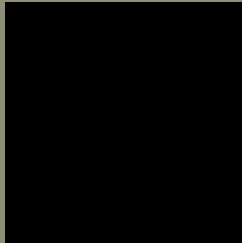
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

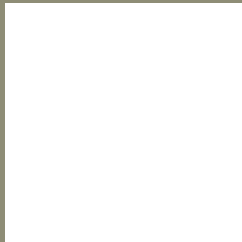
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 12.983, 106.825

Background



This preview shows how black text looks on a background with the CIELCh color 58, 12.983, 106.825.



This preview shows how white text looks on a background with the CIELCh color 58, 12.983, 106.825.

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

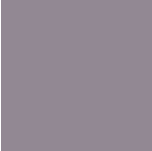
58, 12.983, 106.825

Protanopia

58, 12.879, 93.676

Deuteranopia

58, 13.948, 57.473



Tritanopia
58, 7.394, 322.300

Trichromacy



Original Color
58, 12.983, 106.825

Protanomaly
58, 13.151, 99.536

Deuteranomaly
58, 12.013, 72.726

Tritanomaly
58, 2.625, 45.025

Monochromacy



Original Color
58, 12.983, 106.825

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 4.533, 109.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 12.983, 106.825 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(142, 141, 118)` looks like.

```
.text, #text, p{  
    color:rgb(142, 141, 118)  
}
```

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(142, 141, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 141, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 12.983, 106.825 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(142, 141, 118) }
```

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

```
.border{ border-color:rgb(142, 141, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 141, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 141, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 141, 118);  
box-shadow:4px 4px 4px 4px rgb(142, 141,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 12.983, 106.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 141, 118) }
```

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

```
.background{ background-color: rgb(142,  
141, 118) }
```

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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