

Converting Colors

CIELCh(58, 7.843, 82.865)

Have a look what the booklet for
CIELCh(58, 7.843, 82.865) contains.

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Color

CIELCh(58, 7.722, 80.939)

Conversions

Conversions Part 1

Format	Color
Hex	938A7E
RGB	147, 138, 126
RGB Percent	58%, 54%, 49%
CMY	0.4228, 0.4581, 0.5052
CMYK	0.00, 0.06, 0.14, 0.42
HSL	34°, 9%, 54%
HSV	34°, 14%, 58%
XYZ	24.9584, 25.9610, 23.4956
YIQ	139.3230, 9.2160, -1.8240

Conversions

Conversions Part 2

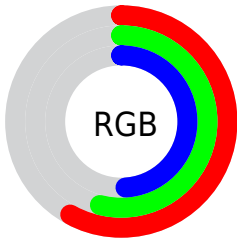
Format	Color
RYB	142, 147, 126
Decimal	9669246
CIELab	58.00, 1.22, 7.63
CIELCh	58, 7.722, 80.939
Yxy	25.9610, 0.3354, 0.3489
Android (android.graphics.Color)	4287859326 (0xFF938A7E)
YUV	139.3230, -6.5682, 6.7327
Hunter-Lab	50.9519, -1.7289, 8.3258

Details

The CIELCh color $58, 7.722, 80.939$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 7.574, 264.707$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 7.439, 78.762$, and $38, 7.645, 81.075$ is the 20% darker color. If you saturate the color by 10%, you get $56, 13.363, 79.686$, and if you desaturate by 10%, it is $60, 2.268, 82.121$.

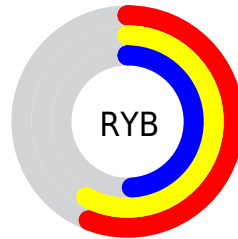
Distribution



Red (58%)

Green (54%)

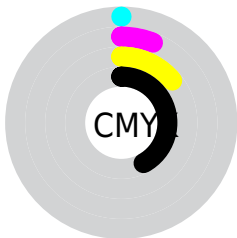
Blue (49%)



Red (56%)

Yellow (58%)

Blue (49%)

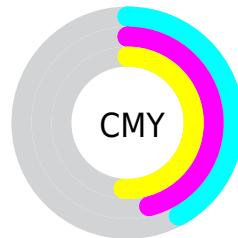


Cyan (0%)

Magenta (6%)

Yellow (14%)

Black (42%)



Cyan (42%)

Magenta (46%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 7.722, 80.939 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, 7.722, 80.939 by changing the saturation by 10% instead.

 58, 7.722, 80.939  58, 7.722, 80.939

 100, 7.722, 80.939  48, 7.722, 80.939

 78, 7.722, 80.939  38, 7.722, 80.939

 88, 7.722, 80.939  28, 7.722, 80.939

 98, 7.722, 80.939  18, 7.722, 80.939

 8, 7.722, 80.939

 0, 7.722, 80.939

 58, 7.722, 80.939  58, 7.722, 80.939

 56, 13.363, 79.686  60, 2.268, 82.121

 54, 19.192, 78.381  62, 3.010, 263.519

■ 52, 25.194, 77.045

■ 64, 8.127, 264.631

■ 50, 31.322, 75.671

■ 67, 13.097,
265.737

■ 48, 37.470, 74.238

■ 69, 17.934,
266.802

■ 46, 43.420, 72.692

■ 45, 48.772, 70.917

■ 71, 22.654,
267.821

■ 43, 52.930, 68.708

■ 73, 27.267,
268.791

■ 42, 55.184, 67.479

■ 75, 31.785,
269.714

■ 78, 34.487,
268.973

Harmonies

Complementary

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



58, 7.722, 80.939



56, 7.574, 264.707

Rectangle

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



58, 7.722, 80.939



58, 7.722, 130.939



58, 7.722, 260.939



58, 7.722, 310.939

Sweetspot

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



58, 7.723, 80.952



76, 2.629, 82.139



55, 9.869, 348.635



40, 1.886, 82.069



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, 7.723, 80.952



73, 11.451, 80.568



60, 11.787, 111.605



30, 3.042, 81.570



39, 52.543, 67.708



2, 2.630, 82.745

Inverse Universe

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



56, 7.574, 264.707



70, 11.173, 265.176



54, 12.165, 294.119



29, 3.009, 263.993



27, 51.162, 289.259



1, 2.631, 262.755

Previews

White Background



This preview shows how the CIELCh color 58, 7.722, 80.939 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, 7.722, 80.939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

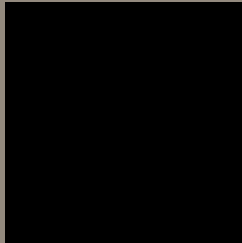
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

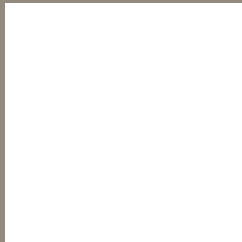
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 7.722, 80.939

Background



This preview shows how black text looks on a background with the CIELCh color 58, 7.722, 80.939.



This preview shows how white text looks on a background with the CIELCh color 58, 7.722, 80.939.

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, 7.722, 80.939

Protanopia

58, 7.208, 89.597

Deuteranopia

58, 10.293, 42.790



Tritanopia
58, 8.587, 333.586

Trichromacy



Original Color
58, 7.722, 80.939

Protanomaly
58, 7.356, 86.590

Deuteranomaly
58, 8.652, 55.875

Tritanomaly
58, 5.429, 1.661

Monochromacy



Original Color
58, 7.722, 80.939

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 2.753, 74.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 7.722, 80.939 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(147, 138, 126)` looks like.

```
.text, #text, p{  
    color:rgb(147, 138, 126)  
}
```

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(147, 138, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 138, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 7.722, 80.939 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(147, 138, 126) }
```

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

```
.border{ border-color:rgb(147, 138, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 138, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 138, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 138, 126);  
box-shadow:4px 4px 4px 4px rgb(147, 138,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 7.722, 80.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 138, 126) }
```

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

```
.background{ background-color: rgb(147,  
138, 126) }
```

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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