

Converting Colors

CIELCh(59, 8.066, 28.948)

Have a look what the booklet for
CIELCh(59, 8.066, 28.948) contains.

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Color

CIELCh(59, 7.852, 32.499)

Conversions

Conversions Part 1

Format	Color
Hex	9D8A87
RGB	157, 138, 135
RGB Percent	62%, 54%, 53%
CMY	0.3850, 0.4594, 0.4712
CMYK	0.00, 0.12, 0.14, 0.38
HSL	8°, 10%, 57%
HSV	8°, 14%, 62%
XYZ	27.3004, 27.0277, 26.6412
YIQ	143.3390, 12.2870, 3.0950

Conversions

Conversions Part 2

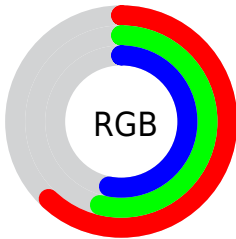
Format	Color
RYB	157, 138, 135
Decimal	10324615
CIELab	59.00, 6.62, 4.22
CIELCh	59, 7.852, 32.499
Yxy	27.0277, 0.3372, 0.3338
Android (android.graphics.Color)	4288514695 (0xFF9D8A87)
YUV	143.3390, -4.1111, 11.9807
Hunter-Lab	51.9882, 2.7556, 6.0087

Details

The CIELCh color $59, 7.852, 32.499$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $62, 7.173, 212.469$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 8.092, 31.294$, and $39, 8.173, 33.278$ is the 20% darker color. If you saturate the color by 10%, you get $55, 14.011, 32.819$, and if you desaturate by 10%, it is $63, 2.163, 32.211$.

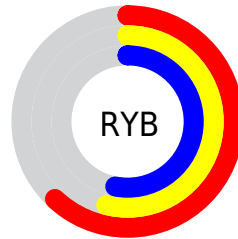
Distribution



Red (62%)

Green (54%)

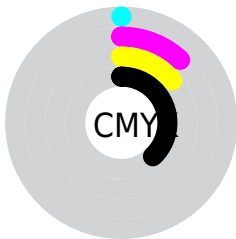
Blue (53%)



Red (62%)

Yellow (54%)

Blue (53%)

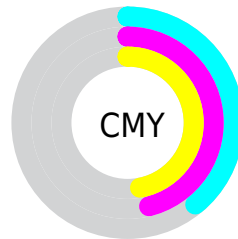


Cyan (0%)

Magenta (12%)

Yellow (14%)

Black (38%)



Cyan (39%)

Magenta (46%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 7.852, 32.499 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 59, 7.852, 32.499 by changing the saturation by 10% instead.

 59, 7.852, 32.499  59, 7.852, 32.499

 100, 7.852, 32.499  49, 7.852, 32.499

 79, 7.852, 32.499  39, 7.852, 32.499

 89, 7.852, 32.499  29, 7.852, 32.499

 99, 7.852, 32.499  19, 7.852, 32.499

 9, 7.852, 32.499

 0, 7.852, 32.499

 59, 7.852, 32.499  59, 7.852, 32.499

 55, 14.011, 32.819  63, 2.163, 32.211

 51, 20.670, 33.285  67, 3.091, 212.529

48, 27.830, 33.969

71, 7.953, 212.469

44, 35.456, 34.924

75, 12.467,
212.535

41, 43.456, 36.191

80, 16.674,
212.654

38, 51.639, 37.762

36, 59.618, 39.495

84, 20.610,
212.807

34, 66.555, 40.934

88, 24.310,
212.983

33, 70.214, 41.921

92, 27.639,
207.321

94, 30.196,
197.558

Harmonies

Complementary

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



59, 7.852, 32.499



62, 7.173, 212.469

Rectangle

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



59, 7.852, 32.499



59, 7.852, 82.499



59, 7.852, 212.499



59, 7.852, 262.499

Sweetspot

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



59, 7.851, 32.512



80, 2.664, 32.214



59, 13.757, 329.102



42, 1.895, 32.253



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



59, 7.851, 32.512



74, 11.951, 32.600



62, 8.430, 86.606



31, 3.125, 32.396



30, 65.054, 41.733



1, 3.973, 31.641

Inverse Universe

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



62, 7.173, 212.469



78, 10.669, 212.491



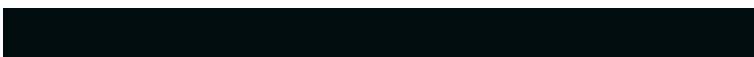
59, 8.366, 270.272



33, 2.949, 212.474



47, 28.431, 221.174



3, 3.879, 215.234

Previews

White Background



This preview shows how the CIE LCh color 59, 7.852, 32.499 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 59, 7.852, 32.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

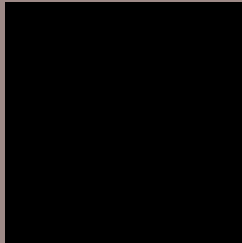
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 7.852, 32.499

Background



This preview shows how black text looks on a background with the CIELCh color 59, 7.852, 32.499.



This preview shows how white text looks on a background with the CIELCh color 59, 7.852, 32.499.

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

59, 7.852, 32.499

Protanopia

59, 2.991, 68.391

Deuteranopia

59, 8.557, 27.751



Tritanopia
59, 10.641, 344.782

Trichromacy



Original Color
59, 7.852, 32.499

Protanomaly
59, 4.578, 49.166

Deuteranomaly
59, 8.557, 27.751

Tritanomaly
59, 8.976, 358.185

Monochromacy



Original Color
59, 7.852, 32.499

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 2.812, 31.090

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 7.852, 32.499 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(157, 138, 135)` looks like.

```
.text, #text, p{  
    color:rgb(157, 138, 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(157, 138, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 138, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 7.852, 32.499 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(157, 138, 135) }
```

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

```
.border{ border-color:rgb(157, 138, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 138, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 138, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 138, 135);  
box-shadow:4px 4px 4px 4px rgb(157, 138,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 7.852, 32.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 138, 135) }
```

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

```
.background{ background-color: rgb(157,  
138, 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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