

Converting Colors

CIELCh(59, 8.148, 100.460)

Have a look what the booklet for
CIELCh(59, 8.148, 100.460) contains.

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Color

CIELCh(59, 7.984, 100.499)

Conversions

Conversions Part 1

Format	Color
Hex	918E80
RGB	145, 142, 128
RGB Percent	57%, 56%, 50%
CMY	0.4304, 0.4421, 0.4971
CMYK	0.00, 0.02, 0.12, 0.43
HSL	49°, 7%, 54%
HSV	49°, 12%, 57%
XYZ	25.3438, 27.0277, 24.3877
YIQ	141.3010, 6.2820, -3.7180

Conversions

Conversions Part 2

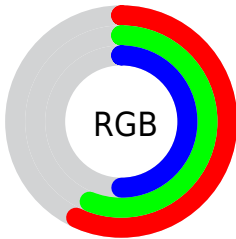
Format	Color
R_{YB}	132, 145, 128
Decimal	9539200
CIE _{Lab}	59.00, -1.45, 7.85
CIE _{LCh}	59, 7.984, 100.499
Yxy	27.0277, 0.3302, 0.3521
Android (android.graphics.Color)	4287729280 (0xFF918E80)
YUV	141.3010, -6.5574, 3.2440
Hunter-Lab	51.9882, -3.9622, 8.5788

Details

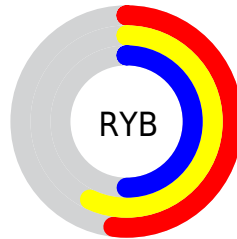
The CIELCh color $59, 7.984, 100.499$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55, 8.107, 283.159$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 8.048, 101.327$, and $39, 8.024, 99.364$ is the 20% darker color. If you saturate the color by 10%, you get $58, 14.846, 99.400$, and if you desaturate by 10%, it is $60, 1.155, 101.509$.

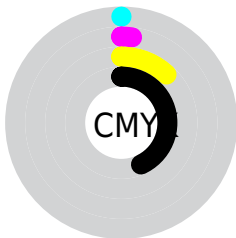
Distribution



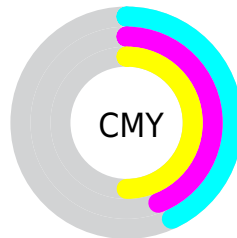
- Red (57%)
- Green (56%)
- Blue (50%)



- Red (52%)
- Yellow (57%)
- Blue (50%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)
- Black (43%)



- Cyan (43%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 7.984, 100.499 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, 7.984, 100.499 by changing the saturation by 10% instead.

■ 59, 7.984, 100.499

■ 59, 7.984, 100.499

■ 100, 7.984,
100.499

■ 49, 7.984, 100.499

■ 79, 7.984, 100.499

■ 39, 7.984, 100.499

■ 89, 7.984, 100.499

■ 29, 7.984, 100.499

■ 99, 7.984, 100.499

■ 19, 7.984, 100.499

■ 9, 7.984, 100.499

■ 0, 7.984, 100.499

■ 59, 7.984, 100.499

■ 59, 7.984, 100.499

■ 58, 14.846, 99.400

■ 60, 1.155, 101.509

■ 57, 21.702, 98.262

■ 61, 5.628, 282.676

56, 28.496, 97.106

62, 12.352,
283.672

55, 35.126, 95.940

64, 19.013,
284.632

54, 41.423, 94.772

53, 47.119, 93.603

65, 25.611,
285.549

53, 51.820, 92.424

66, 32.143,
286.420

52, 55.055, 91.207

51, 56.915, 90.181

67, 38.611,
287.246

69, 45.016,
288.027

70, 49.237,
288.232

Harmonies

Complementary

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



59, 7.984, 100.499



55, 8.107, 283.159

Rectangle

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



59, 7.984, 100.499



59, 7.984, 150.499



59, 7.984, 280.499



59, 7.984, 330.499

Sweetspot

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



59, 7.985, 100.509



76, 3.363, 101.312



55, 7.067, 5.544



40, 2.384, 101.244



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



59, 7.985, 100.509



75, 11.831, 100.226



59, 9.826, 121.799



30, 3.794, 100.784



48, 54.040, 90.276



2, 2.563, 101.787

Inverse Universe

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



55, 8.107, 283.159



69, 12.045, 283.489



55, 10.041, 303.088



28, 3.842, 282.848



17, 73.248, 302.533



0, 2.564, 281.790

Previews

White Background



This preview shows how the CIELCh color 59, 7.984, 100.499 looks on a white background.

Color Contrast Check

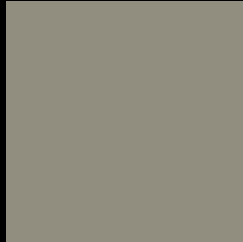
Large Text (above 18pt) WCAG AA ✓ Pass

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, 7.984, 100.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

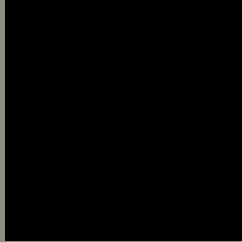
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

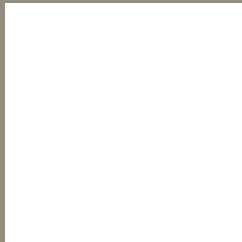
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 7.984, 100.499

Background



This preview shows how black text looks on a background with the CIELCh color 59, 7.984, 100.499.



This preview shows how white text looks on a background with the CIELCh color 59, 7.984, 100.499.

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, 7.984, 100.499

Protanopia

59, 7.863, 88.091

Deuteranopia

59, 10.502, 45.544



Tritanopia
59, 7.170, 319.647

Trichromacy



Original Color
59, 7.984, 100.499

Protanomaly
59, 7.725, 90.925

Deuteranomaly
59, 8.653, 60.404

Tritanomaly
59, 2.979, 357.258

Monochromacy



Original Color
59, 7.984, 100.499

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 2.843, 101.852

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 7.984, 100.499 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(145, 142, 128)` looks like.

```
.text, #text, p{  
    color:rgb(145, 142, 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(145, 142, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 142, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 7.984, 100.499 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(145, 142, 128) }
```

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

```
.border{ border-color:rgb(145, 142, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 142, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 142, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 142, 128);  
box-shadow:4px 4px 4px 4px rgb(145, 142,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 7.984, 100.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 142, 128) }
```

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

```
.background{ background-color: rgb(145,  
142, 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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