

Converting Colors

CIELCh(59, 9.449, 55.373)

Have a look what the booklet for
CIELCh(59, 9.449, 55.373) contains.

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Color

CIELCh(59, 9.316, 52.914)

Conversions

Conversions Part 1

Format	Color
Hex	9D8A81
RGB	157, 138, 129
RGB Percent	62%, 54%, 51%
CMY	0.3834, 0.4579, 0.4932
CMYK	0.00, 0.12, 0.18, 0.38
HSL	19°, 13%, 56%
HSV	19°, 18%, 62%
XYZ	27.0517, 27.0277, 24.6407
YIQ	142.6550, 14.2130, 1.2290

Conversions

Conversions Part 2

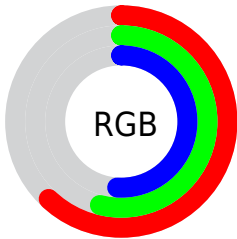
Format	Color
R_{YB}	157, 142, 129
Decimal	10324609
CIE Lab	59.00, 5.62, 7.43
CIE LCh	59, 9.316, 52.914
Yxy	27.0277, 0.3436, 0.3433
Android (android.graphics.Color)	4288514689 (0xFF9D8A81)
YUV	142.6550, -6.7319, 12.5806
Hunter-Lab	51.9882, 1.9018, 8.2902

Details

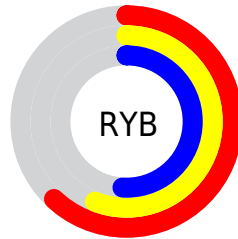
The CIELCh color $59, 9.316, 52.914$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $60, 8.478, 235.893$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 9.353, 50.600$, and $39, 9.111, 52.432$ is the 20% darker color. If you saturate the color by 10%, you get $56, 15.089, 52.308$, and if you desaturate by 10%, it is $62, 3.941, 53.559$.

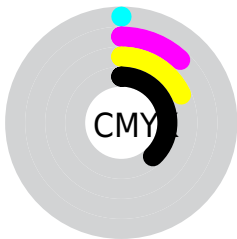
Distribution



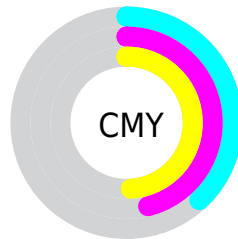
- Red (62%)
- Green (54%)
- Blue (51%)



- Red (62%)
- Yellow (56%)
- Blue (51%)



- Cyan (0%)
- Magenta (12%)
- Yellow (18%)
- Black (38%)



- Cyan (38%)
- Magenta (46%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 9.316, 52.914 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, 9.316, 52.914 by changing the saturation by 10% instead.


 59, 9.316, 52.914  59, 9.316, 52.914


 100, 9.316, 52.914  49, 9.316, 52.914

 79, 9.316, 52.914  39, 9.316, 52.914

 89, 9.316, 52.914  29, 9.316, 52.914

 99, 9.316, 52.914  19, 9.316, 52.914

 9, 9.316, 52.914

 0, 9.316, 52.914

 59, 9.316, 52.914  59, 9.316, 52.914

 56, 15.089, 52.308  62, 3.941, 53.559

 53, 21.291, 51.756  66, 1.071, 234.781

50, 27.936, 51.293

69, 5.760, 235.223

47, 35.008, 50.927

72, 10.162,
235.960

44, 42.424, 50.641

76, 14.312,
236.717

42, 49.970, 50.356

39, 57.164, 49.859

79, 18.241,
237.473

37, 63.382, 48.970

82, 21.976,
238.220

37, 64.824, 48.938

86, 25.534,
238.924

89, 25.532,
223.316

Harmonies

Complementary

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



59, 9.316, 52.914



60, 8.478, 235.893

Rectangle

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



59, 9.316, 52.914



59, 9.316, 102.914



59, 9.316, 232.914



59, 9.316, 282.914

Sweetspot

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



59, 9.316, 52.927



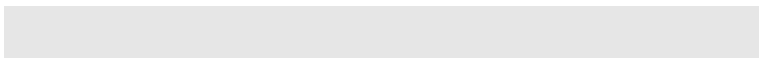
80, 3.087, 53.697



57, 15.419, 336.188



42, 2.107, 53.669



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, 9.316, 52.927



74, 13.756, 52.699



63, 12.895, 99.407



32, 2.880, 53.473



33, 60.180, 49.194



2, 3.665, 52.166

Inverse Universe

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



60, 8.478, 235.893



75, 12.257, 236.296



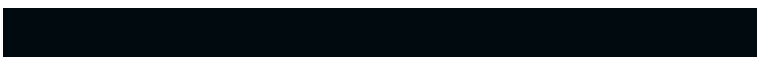
56, 13.174, 283.587



32, 2.751, 235.079



39, 32.588, 258.862



2, 3.672, 238.570

Previews

White Background



This preview shows how the CIELCh color 59, 9.316, 52.914 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, 9.316, 52.914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

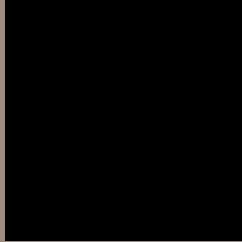
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 9.316, 52.914

Background



This preview shows how black text looks on a background with the CIELCh color 59, 9.316, 52.914.



This preview shows how white text looks on a background with the CIELCh color 59, 9.316, 52.914.

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, 9.316, 52.914

Protanopia

59, 6.513, 91.426

Deuteranopia

59, 10.502, 45.544



Tritanopia
59, 10.668, 348.576

Trichromacy



Original Color
59, 9.316, 52.914

Protanomaly
59, 7.410, 76.227

Deuteranomaly
59, 10.123, 46.535

Tritanomaly
59, 8.540, 8.848

Monochromacy



Original Color
59, 9.316, 52.914

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 3.238, 51.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 9.316, 52.914 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(157, 138, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 138, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 9.316, 52.914 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, 129) }
```

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

```
.border{ border-color:rgb(157, 138, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 138, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 138, 129); box-shadow:4px 4px 4px 4px rgb(157, 138, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 9.316, 52.914 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, 129) }
```

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

```
.background{ background-color: rgb(157,  
138, 129) }
```

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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