

Converting Colors

CIELCh(59, 15.151, 40.995)

Have a look what the booklet for
CIELCh(59, 15.151, 40.995) contains.

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Color

CIELCh(59, 15.153, 40.141)

Conversions

Conversions Part 1

Format	Color
Hex	A8867D
RGB	168, 134, 125
RGB Percent	66%, 53%, 49%
CMY	0.3395, 0.4729, 0.5082
CMYK	0.00, 0.20, 0.26, 0.34
HSL	13°, 20%, 58%
HSV	13°, 26%, 66%
XYZ	28.5507, 27.0277, 23.2503
YIQ	143.1400, 23.1530, 4.4090

Conversions

Conversions Part 2

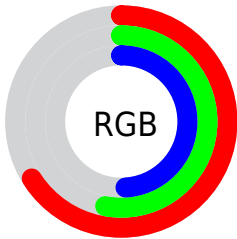
Format	Color
RYB	168, 136, 125
Decimal	11044477
CIELab	59.00, 11.58, 9.77
CIELCh	59, 15.153, 40.141
Yxy	27.0277, 0.3622, 0.3429
Android (android.graphics.Color)	4289234557 (0xFFA8867D)
YUV	143.1400, -8.9430, 21.8022
Hunter-Lab	51.9882, 7.0487, 9.8760

Details

The CIELCh color **59, 15.153, 40.141** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **63, 12.800, 221.759**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 15.192, 38.705**, and **39, 15.198, 39.762** is the 20% darker color. If you saturate the color by 10%, you get **55, 21.967, 40.223**, and if you desaturate by 10%, it is **63, 8.852, 40.202**.

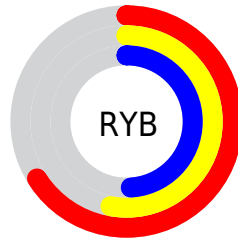
Distribution



Red (66%)

Green (53%)

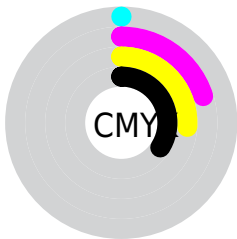
Blue (49%)



Red (66%)

Yellow (53%)

Blue (49%)

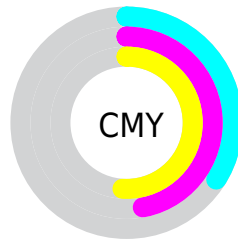


Cyan (0%)

Magenta (20%)

Yellow (26%)

Black (34%)



Cyan (34%)

Magenta (47%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 15.153, 40.141 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, 15.153, 40.141 by changing the saturation by 10% instead.

 59, 15.153, 40.141

 59, 15.153, 40.141

 100, 15.153,
40.141

 49, 15.153, 40.141

 79, 15.153, 40.141

 39, 15.153, 40.141

 89, 15.153, 40.141

 29, 15.153, 40.141

 99, 15.153, 40.141

 19, 15.153, 40.141

 9, 15.153, 40.141

 0, 15.153, 40.141

 59, 15.153, 40.141

 59, 15.153, 40.141

 55, 21.967, 40.223

 63, 8.852, 40.202

 52, 29.312, 40.465

 67, 3.033, 40.280

48, 37.165, 40.909

71, 2.347, 220.902

45, 45.443, 41.569

75, 7.334, 221.084

42, 53.943, 42.402

79, 11.973,
221.420

40, 62.203, 43.225

83, 16.304,
221.799

38, 69.272, 43.589

37, 72.279, 43.974

87, 20.367,
222.200

91, 23.577,
216.200

95, 26.932,
198.566

Harmonies

Complementary

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



59, 15.153, 40.141



63, 12.800, 221.759

Rectangle

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



59, 15.153, 40.141



59, 15.153, 90.141



59, 15.153, 220.141



59, 15.153, 270.141

Sweetspot

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



59, 15.152, 40.149



84, 5.480, 40.275



58, 25.428, 332.125



43, 3.912, 40.263



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



59, 15.152, 40.149



73, 23.361, 40.175



65, 17.521, 90.543



34, 3.140, 40.266



32, 65.239, 44.064



2, 5.634, 37.201

Inverse Universe

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



63, 12.800, 221.759



79, 18.855, 222.203



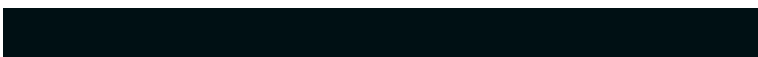
58, 17.593, 277.362



35, 2.968, 220.966



45, 29.361, 236.820



4, 5.414, 228.158

Previews

White Background



This preview shows how the CIELCh color 59, 15.153, 40.141 looks on a white background.

Color Contrast Check

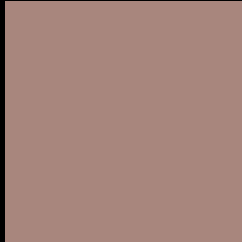
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.153, 40.141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

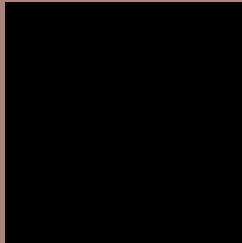
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 15.153, 40.141

Background



This preview shows how black text looks on a background with the CIELCh color 59, 15.153, 40.141.



This preview shows how white text looks on a background with the CIELCh color 59, 15.153, 40.141.

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, 15.153, 40.141

Protanopia

59, 7.715, 90.935

Deuteranopia

59, 12.463, 52.927



Tritanopia
59, 16.167, 0.849

Trichromacy



Original Color
59, 15.153, 40.141

Protanomaly
59, 9.047, 62.990

Deuteranomaly
59, 13.275, 48.077

Tritanomaly
59, 14.700, 14.390

Monochromacy



Original Color
59, 15.153, 40.141

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 5.293, 44.906

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 15.153, 40.141 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(168, 134, 125)` looks like.

```
.text, #text, p{  
    color:rgb(168, 134, 125)  
}
```

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(168, 134, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 134, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 15.153, 40.141 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(168, 134, 125) }
```

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

```
.border{ border-color:rgb(168, 134, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 134, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 134, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 134, 125);  
box-shadow:4px 4px 4px 4px rgb(168, 134,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 15.153, 40.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 134, 125) }
```

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

```
.background{ background-color: rgb(168,  
134, 125) }
```

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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