

Converting Colors

CIELCh(59, 9.993, 29.262)

Have a look what the booklet for
CIELCh(59, 9.993, 29.262) contains.

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Color

CIELCh(59, 9.898, 30.117)

Conversions

Conversions Part 1

Format	Color
Hex	A18986
RGB	161, 137, 134
RGB Percent	63%, 54%, 53%
CMY	0.3702, 0.4642, 0.4760
CMYK	0.00, 0.15, 0.17, 0.37
HSL	7°, 13%, 58%
HSV	7°, 17%, 63%
XYZ	27.7847, 27.0277, 26.1663
YIQ	143.8340, 15.2670, 4.1550

Conversions

Conversions Part 2

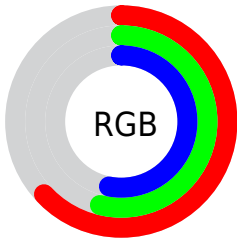
Format	Color
R_{YB}	161, 137, 134
Decimal	10586502
CIE _{Lab}	59.00, 8.56, 4.97
CIE _{LCh}	59, 9.898, 30.117
Yxy	27.0277, 0.3431, 0.3338
Android (android.graphics.Color)	4288776582 (0xFFA18986)
YUV	143.8340, -4.8482, 15.0546
Hunter-Lab	51.9882, 4.4185, 6.5503

Details

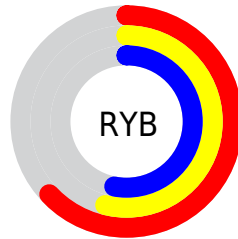
The CIELCh color $59, 9.898, 30.117$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $63, 8.864, 209.646$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 10.004, 29.264$, and $39, 9.978, 31.179$ is the 20% darker color. If you saturate the color by 10%, you get $55, 16.444, 30.600$, and if you desaturate by 10%, it is $63, 3.847, 29.757$.

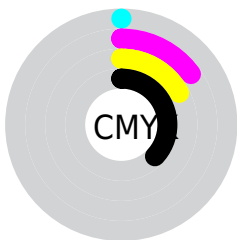
Distribution



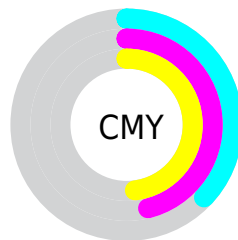
- Red (63%)
- Green (54%)
- Blue (53%)



- Red (63%)
- Yellow (54%)
- Blue (53%)



- Cyan (0%)
- Magenta (15%)
- Yellow (17%)
- Black (37%)




- Cyan (37%)
- Magenta (46%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 9.898, 30.117 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, 9.898, 30.117 by changing the saturation by 10% instead.

 59, 9.898, 30.117  59, 9.898, 30.117

 100, 9.898, 30.117  49, 9.898, 30.117

 79, 9.898, 30.117  39, 9.898, 30.117

 89, 9.898, 30.117  29, 9.898, 30.117

 99, 9.898, 30.117  19, 9.898, 30.117

 9, 9.898, 30.117

 0, 9.898, 30.117

 59, 9.898, 30.117  59, 9.898, 30.117

 55, 16.444, 30.600  63, 3.847, 29.757

 51, 23.505, 31.268  67, 1.739, 209.975

47, 31.065, 32.193

72, 6.903, 209.686

44, 39.061, 33.436

76, 11.690,
209.640

41, 47.361, 35.038

80, 16.144,
209.661

38, 55.713, 36.970

36, 63.616, 39.015

85, 20.305,
209.723

34, 70.163, 40.718

89, 24.209,
209.815

34, 72.073, 41.392

93, 27.923,
202.179

94, 29.236,
197.616

Harmonies

Complementary

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



59, 9.898, 30.117



63, 8.864, 209.646

Rectangle

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



59, 9.898, 30.117



59, 9.898, 80.117



59, 9.898, 210.117



59, 9.898, 260.117

Sweetspot

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



59, 9.897, 30.128



81, 3.482, 29.677



59, 17.219, 328.213



42, 2.377, 29.710



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



59, 9.897, 30.128



73, 14.819, 30.279



63, 10.039, 83.289



31, 3.188, 29.850



30, 65.519, 41.122



1, 4.050, 29.156

Inverse Universe

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



63, 8.864, 209.646



80, 12.936, 209.640



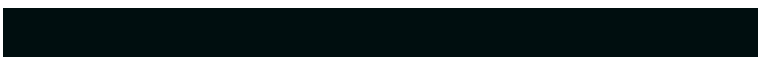
60, 9.868, 267.771



33, 3.007, 209.725



48, 28.800, 216.007



3, 3.960, 212.103

Previews

White Background



This preview shows how the CIELCh color 59, 9.898, 30.117 looks on a white background.

Color Contrast Check

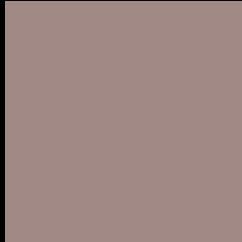
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.898, 30.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

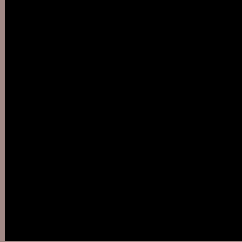
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

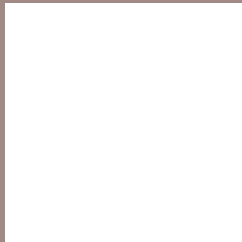
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 9.898, 30.117

Background



This preview shows how black text looks on a background with the CIELCh color 59, 9.898, 30.117.



This preview shows how white text looks on a background with the CIELCh color 59, 9.898, 30.117.

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, 9.898, 30.117

Protanopia

59, 3.726, 84.520

Deuteranopia

59, 9.228, 34.321



Tritanopia
59, 12.061, 352.821

Trichromacy



Original Color
59, 9.898, 30.117

Protanomaly
59, 5.227, 52.309

Deuteranomaly
59, 9.632, 33.754

Tritanomaly
59, 10.353, 4.703

Monochromacy



Original Color
59, 9.898, 30.117

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 3.203, 29.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 9.898, 30.117 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(161, 137, 134)` looks like.

```
.text, #text, p{  
    color:rgb(161, 137, 134)  
}
```

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(161, 137, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 137, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 9.898, 30.117 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(161, 137, 134) }
```

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

```
.border{ border-color:rgb(161, 137, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 137, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 137, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 137, 134);  
box-shadow:4px 4px 4px 4px rgb(161, 137,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 9.898, 30.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 137, 134) }
```

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

```
.background{ background-color: rgb(161,  
137, 134) }
```

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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