

Converting Colors

CIELCh(60, 2.021, 39.218)

Have a look what the booklet for
CIELCh(60, 2.021, 39.218) contains.

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Color

CIELCh(60, 1.919, 55.182)

Conversions

Conversions Part 1

Format	Color
Hex	94908E
RGB	148, 144, 142
RGB Percent	58%, 56%, 56%
CMY	0.4203, 0.4359, 0.4438
CMYK	0.00, 0.03, 0.04, 0.42
HSL	20°, 3%, 57%
HSV	20°, 4%, 58%
XYZ	26.9995, 28.1233, 29.5303
YIQ	144.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

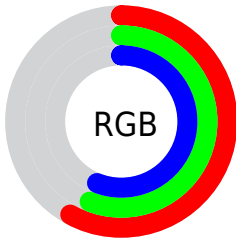
Format	Color
R_{YB}	148, 145, 142
Decimal	9736334
CIE _{Lab}	60.00, 1.10, 1.58
CIE _{LCh}	60, 1.919, 55.182
Yxy	28.1233, 0.3189, 0.3322
Android (android.graphics.Color)	4287926414 (0xFF94908E)
YUV	144.9680, -1.4632, 2.6591
Hunter-Lab	53.0314, -1.9266, 4.1067

Details

The CIELCh color $[60, 1.919, 55.182]$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $[60, 1.889, 236.286]$, and the grayscale version is $[60, 0.008, 296.813]$.

A 20% lighter version of the original color is $[80, 1.805, 55.192]$, and $[40, 1.749, 63.259]$ is the 20% darker color. If you saturate the color by 10%, you get $[57, 6.889, 54.628]$, and if you desaturate by 10%, it is $[63, 2.729, 236.366]$.

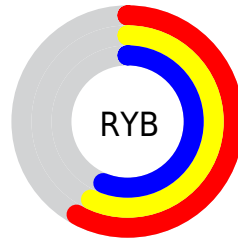
Distribution



Red (58%)

Green (56%)

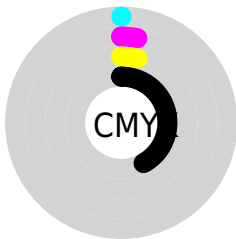
Blue (56%)



Red (58%)

Yellow (57%)

Blue (56%)

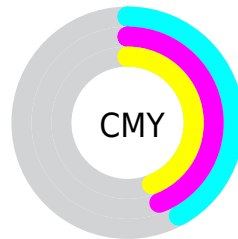


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (42%)



Cyan (42%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 1.919, 55.182 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 60, 1.919, 55.182 by changing the saturation by 10% instead.

 60, 1.919, 55.182  60, 1.919, 55.182

 100, 1.919, 55.182  50, 1.919, 55.182

 80, 1.919, 55.182  40, 1.919, 55.182

 90, 1.919, 55.182  30, 1.919, 55.182

 20, 1.919, 55.182

 10, 1.919, 55.182

 0, 1.919, 55.182

 60, 1.919, 55.182  60, 1.919, 55.182

 57, 6.889, 54.628  63, 2.729, 236.366

 54, 12.215, 53.941  66, 7.091, 237.077

51, 17.929, 53.301

69, 11.199,
237.859

48, 24.052, 52.734

73, 15.084,
238.648

45, 30.579, 52.252

43, 37.465, 51.849

76, 18.774,
239.429

40, 44.567, 51.478

79, 22.293,
240.196

38, 51.556, 50.993

36, 57.759, 50.075

82, 25.661,
240.944

85, 27.485,
236.835

88, 27.552,
223.447

Harmonies

Complementary

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



60, 1.919, 55.182



60, 1.889, 236.286

Rectangle

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



60, 1.919, 55.182



60, 1.919, 105.182



60, 1.919, 235.182



60, 1.919, 285.182

Sweetspot

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



60, 1.919, 55.237



77, 0.574, 54.855



60, 3.268, 335.855



41, 0.329, 54.805



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



60, 1.919, 55.237



76, 2.929, 55.198



61, 2.825, 101.864



30, 1.612, 55.179



33, 58.106, 49.946



1, 2.316, 55.746

Inverse Universe

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



60, 1.889, 236.286



76, 2.866, 236.334



59, 2.853, 282.813



31, 1.574, 236.359



37, 32.340, 260.793



2, 2.317, 235.764

Previews

White Background



This preview shows how the CIELCh color 60, 1.919, 55.182 looks on a white background.

Color Contrast Check

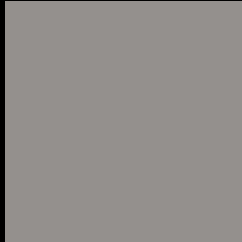
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 1.919, 55.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

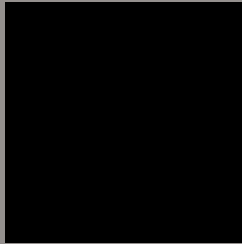
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

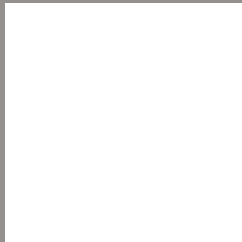
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 1.919, 55.182

Background



This preview shows how black text looks on a background with the CIELCh color 60, 1.919, 55.182.



This preview shows how white text looks on a background with the CIELCh color 60, 1.919, 55.182.

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


60, 1.919, 55.182

Protanopia

60, 1.919, 55.182

Deuteranopia

60, 7.717, 7.539



Tritanopia
60, 6.965, 316.863

Trichromacy



Original Color
60, 1.919, 55.182

Protanomaly
60, 1.919, 55.182

Deuteranomaly
60, 5.642, 8.410

Tritanomaly
60, 4.130, 324.606

Monochromacy



Original Color
60, 1.919, 55.182

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 0.675, 74.828

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 1.919, 55.182 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(148, 144, 142)` looks like.

```
.text, #text, p{  
    color:rgb(148, 144, 142)  
}
```

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(148, 144, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 144, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 1.919, 55.182 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(148, 144, 142) }
```

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

```
.border{ border-color:rgb(148, 144, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 144, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 144, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 144, 142);  
box-shadow:4px 4px 4px 4px rgb(148, 144,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 1.919, 55.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 144, 142) }
```

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

```
.background{ background-color: rgb(148,  
144, 142) }
```

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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