

Converting Colors

CIELCh(60, 15.359, 93.285)

Have a look what the booklet for
CIELCh(60, 15.359, 93.285) contains.

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Color

CIELCh(60, 15.190, 92.499)

Conversions

Conversions Part 1

Format	Color
Hex	9A9076
RGB	154, 144, 118
RGB Percent	60%, 56%, 46%
CMY	0.3961, 0.4353, 0.5373
CMYK	0.00, 0.06, 0.23, 0.40
HSL	43°, 15%, 53%
HSV	43°, 23%, 60%
XYZ	26.5686, 28.1233, 21.1670
YIQ	144.0260, 14.3060, -5.9660

Conversions

Conversions Part 2

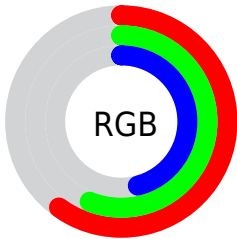
Format	Color
R_{YB}	132, 154, 118
Decimal	10129526
CIE _{Lab}	60.00, -0.66, 15.18
CIE _{LCh}	60, 15.190, 92.499
Yxy	28.1233, 0.3502, 0.3707
Android (android.graphics.Color)	4288319606 (0xFF9A9076)
YUV	144.0260, -12.8308, 8.7472
Hunter-Lab	53.0314, -3.3771, 13.4570

Details

The CIELCh color $60, 15.190, 92.499$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $54, 15.331, 278.544$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 15.439, 92.717$, and $40, 14.981, 93.649$ is the 20% darker color. If you saturate the color by 10%, you get $59, 21.819, 91.246$, and if you desaturate by 10%, it is $62, 8.629, 93.725$.

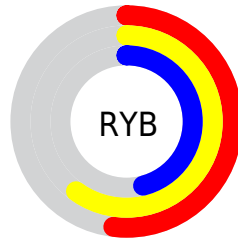
Distribution



Red (60%)

Green (56%)

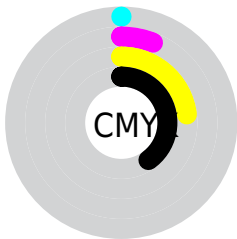
Blue (46%)



Red (52%)

Yellow (60%)

Blue (46%)

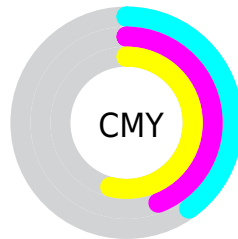


Cyan (0%)

Magenta (6%)

Yellow (23%)

Black (40%)



Cyan (40%)

Magenta (44%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 15.190, 92.499 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 60, 15.190, 92.499 by changing the saturation by 10% instead.

60, 15.190, 92.499

60, 15.190, 92.499

100, 15.190,
92.499

50, 15.190, 92.499

80, 15.190, 92.499

40, 15.190, 92.499

90, 15.190, 92.499

30, 15.190, 92.499

20, 15.190, 92.499

10, 15.190, 92.499

0, 15.190, 92.499

60, 15.190, 92.499

60, 15.190, 92.499

59, 21.819, 91.246

62, 8.629, 93.725

57, 28.466, 89.951

63, 2.156, 94.853

56, 35.042, 88.621

65, 4.220, 276.114

54, 41.384, 87.248

66, 10.497,
277.186

53, 47.212, 85.808

68, 16.679,
278.227

52, 52.084, 84.246

51, 55.432, 82.460

70, 22.770,
279.222

50, 57.148, 81.223

71, 28.774,
280.168

73, 34.698,
281.064

75, 39.718,
281.533

Harmonies

Complementary

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



60, 15.190, 92.499



54, 15.331, 278.544

Rectangle

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



60, 15.190, 92.499



60, 15.190, 142.499



60, 15.190, 272.499



60, 15.190, 322.499

Sweetspot

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



60, 15.191, 92.506



80, 5.591, 94.453



53, 15.743, 359.506



42, 3.663, 94.392



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 15.191, 92.506



76, 22.722, 91.857



62, 20.226, 117.117



32, 3.614, 94.214



46, 53.405, 81.429



3, 3.843, 94.447

Inverse Universe

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



54, 15.331, 278.544



66, 22.987, 279.421



52, 21.237, 300.376



30, 3.633, 276.484



21, 66.604, 298.671



1, 3.914, 275.653

Previews

White Background



This preview shows how the CIELCh color 60, 15.190, 92.499 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 CIELCh color 60, 15.190, 92.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

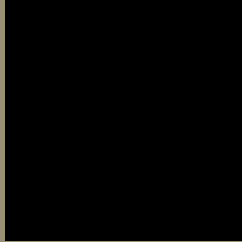
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 15.190, 92.499

Background



This preview shows how black text looks on a background with the CIELCh color 60, 15.190, 92.499.



This preview shows how white text looks on a background with the CIELCh color 60, 15.190, 92.499.

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

60, 15.190, 92.499

Protanopia

60, 15.078, 94.039

Deuteranopia

60, 16.464, 62.899



Tritanopia
60, 9.014, 341.628

Trichromacy



Original Color
60, 15.190, 92.499

Protanomaly
60, 15.078, 94.039

Deuteranomaly
60, 15.283, 73.396

Tritanomaly
60, 6.624, 34.670

Monochromacy



Original Color
60, 15.190, 92.499

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 5.299, 92.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 15.190, 92.499 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(154, 144, 118)` looks like.

```
.text, #text, p{  
    color:rgb(154, 144, 118)  
}
```

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(154, 144, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 144, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 15.190, 92.499 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(154, 144, 118) }
```

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

```
.border{ border-color:rgb(154, 144, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 144, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 144, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 144, 118);  
box-shadow:4px 4px 4px 4px rgb(154, 144,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 15.190, 92.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 144, 118) }
```

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

```
.background{ background-color: rgb(154,  
144, 118) }
```

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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