

Converting Colors

CIELCh(60, 15.257, 77.099)

Have a look what the booklet for
CIELCh(60, 15.257, 77.099) contains.

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Color

CIELCh(60, 15.257, 77.099)

Conversions

Conversions Part 1

Format	Color
Hex	A18E77
RGB	161, 142, 119
RGB Percent	63%, 56%, 47%
CMY	0.3699, 0.4443, 0.5345
CMYK	0.00, 0.12, 0.26, 0.37
HSL	33°, 18%, 55%
HSV	33°, 26%, 63%
XYZ	27.5729, 28.1233, 21.3338
YIQ	145.0590, 18.7070, -3.1250

Conversions

Conversions Part 2

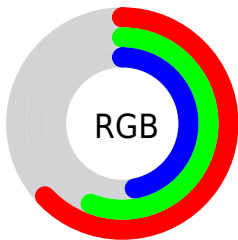
Format	Color
R_{YB}	154, 161, 119
Decimal	10587767
CIE _{Lab}	60.00, 3.41, 14.87
CIE _{LCh}	60, 15.257, 77.099
Yxy	28.1233, 0.3580, 0.3651
Android (android.graphics.Color)	4288777847 (0xFFA18E77)
YUV	145.0590, -12.8471, 13.9803
Hunter-Lab	53.0314, 0.0035, 13.2704

Details

The CIELCh color $60, 15.257, 77.099$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 14.526, 264.343$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 15.420, 78.499$, and $40, 15.071, 76.616$ is the 20% darker color. If you saturate the color by 10%, you get $58, 21.503, 75.806$, and if you desaturate by 10%, it is $62, 9.238, 78.377$.

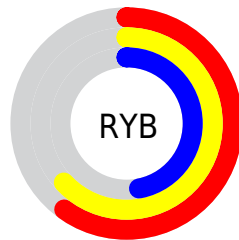
Distribution



Red (63%)

Green (56%)

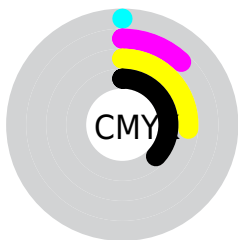
Blue (47%)



Red (60%)

Yellow (63%)

Blue (47%)

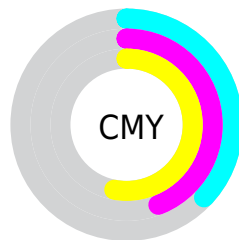


Cyan (0%)

Magenta (12%)

Yellow (26%)

Black (37%)



Cyan (37%)

Magenta (44%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 15.257, 77.099 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, 15.257, 77.099 by changing the saturation by 10% instead.

60, 15.257, 77.099

60, 15.257, 77.099

100, 15.257,
77.099

50, 15.257, 77.099

80, 15.257, 77.099

40, 15.257, 77.099

90, 15.257, 77.099

30, 15.257, 77.099

20, 15.257, 77.099

10, 15.257, 77.099

0, 15.257, 77.099

60, 15.257, 77.099

60, 15.257, 77.099

58, 21.503, 75.806

62, 9.238, 78.377

56, 27.959, 74.477

65, 3.441, 79.577

53, 34.570, 73.113

67, 2.148, 261.006

51, 41.208, 71.685

69, 7.545, 262.089

49, 47.609, 70.123

72, 12.770,
263.208

47, 53.287, 68.279

74, 17.840,
264.289

46, 57.605, 65.938

45, 59.246, 65.085

77, 22.772,
265.325

79, 27.581,
266.313

82, 28.527,
262.577

Harmonies

Complementary

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



60, 15.257, 77.099



57, 14.526, 264.343

Rectangle

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



60, 15.257, 77.099



60, 15.257, 127.099



60, 15.257, 257.099



60, 15.257, 307.099

Sweetspot

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



60, 15.257, 77.107



82, 5.591, 79.347



55, 20.047, 347.889



43, 3.977, 79.177



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



60, 15.257, 77.107



75, 22.670, 76.400



65, 23.043, 109.148



33, 3.238, 79.214



41, 54.990, 65.418



3, 4.778, 74.999

Inverse Universe

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



57, 14.526, 264.343



70, 21.336, 265.390



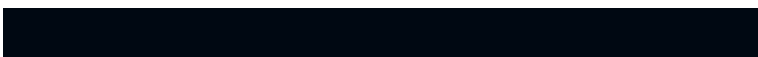
51, 24.485, 294.343



33, 3.193, 261.669



29, 51.153, 287.532



2, 5.171, 264.532

Previews

White Background



This preview shows how the CIELCh color 60, 15.257, 77.099 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, 15.257, 77.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

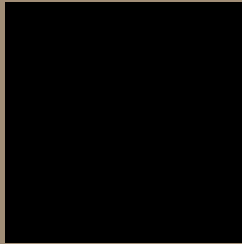
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 15.257, 77.099

Background



This preview shows how black text looks on a background with the CIELCh color 60, 15.257, 77.099.



This preview shows how white text looks on a background with the CIELCh color 60, 15.257, 77.099.

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, 15.257, 77.099

Protanopia

60, 13.992, 93.091

Deuteranopia

60, 16.464, 62.899



Tritanopia
60, 11.666, 351.821

Trichromacy



Original Color
60, 15.257, 77.099

Protanomaly
60, 14.040, 85.931

Deuteranomaly
60, 15.947, 67.377

Tritanomaly
60, 9.759, 26.908

Monochromacy



Original Color
60, 15.257, 77.099

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 5.775, 80.522

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 15.257, 77.099 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, 142, 119)` looks like.

```
.text, #text, p{  
    color:rgb(161, 142, 119)  
}
```

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, 142, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 142, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 15.257, 77.099 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, 142, 119) }
```

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

```
.border{ border-color:rgb(161, 142, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 142, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 142, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 142, 119);  
box-shadow:4px 4px 4px 4px rgb(161, 142,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 15.257, 77.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 142, 119) }
```

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

```
.background{ background-color: rgb(161,  
142, 119) }
```

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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