

Converting Colors

CIELCh(60, 15.540, 128.300)

Have a look what the booklet for
CIELCh(60, 15.540, 128.300)
contains.

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Color

CIELCh(60, 15.521, 128.305)

Conversions

Conversions Part 1

Format	Color
Hex	88957B
RGB	136, 149, 123
RGB Percent	53%, 58%, 48%
CMY	0.4670, 0.4160, 0.5180
CMYK	0.09, 0.00, 0.17, 0.42
HSL	90°, 11%, 53%
HSV	90°, 17%, 58%
XYZ	24.4438, 28.1233, 22.8518
YIQ	142.1490, 0.5980, -10.8420

Conversions

Conversions Part 2

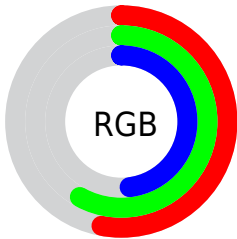
Format	Color
R_{YB}	123, 149, 136
Decimal	8951163
CIE _{Lab}	60.00, -9.62, 12.18
CIE _{LCh}	60, 15.521, 128.305
Yxy	28.1233, 0.3241, 0.3729
Android (android.graphics.Color)	4287141243 (0xFF88957B)
YUV	142.1490, -9.4405, -5.3927
Hunter-Lab	53.0314, -10.5290, 11.5733

Details

The CIELCh color $60, 15.521, 128.305$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $54, 15.887, 309.853$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 15.284, 129.135$, and $40, 15.438, 128.023$ is the 20% darker color. If you saturate the color by 10%, you get $59, 24.386, 127.835$, and if you desaturate by 10%, it is $61, 6.621, 128.767$.

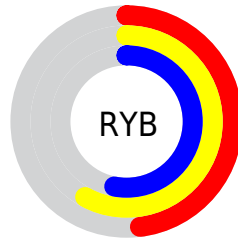
Distribution



Red (53%)

Green (58%)

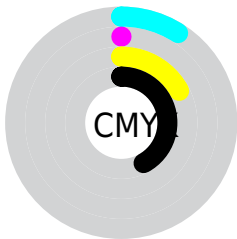
Blue (48%)



Red (48%)

Yellow (58%)

Blue (53%)

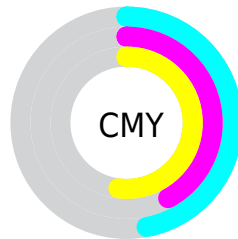


Cyan (9%)

Magenta (0%)

Yellow (17%)

Black (42%)



Cyan (47%)


Magenta (42%)


Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 15.521, 128.305 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, 15.521, 128.305 by changing the saturation by 10% instead.


 60, 15.521,
128.305


 60, 15.521,
128.305


 100, 15.521,
128.305


 50, 15.521,
128.305


 80, 15.521,
128.305

 40, 15.521,
128.305


 90, 15.521,
128.305


 30, 15.521,
128.305

 20, 15.521,
128.305

 10, 15.521,
128.305

 0, 15.521, 128.305

 60, 15.521,

 60, 15.521,

128.305

■ 59, 24.386,
127.835

■ 58, 33.124,
127.361

■ 58, 41.613,
126.917

■ 57, 49.678,
126.549

■ 56, 57.066,
126.331

■ 56, 63.450,
126.366

■ 55, 68.465,
126.773

■ 55, 72.007,
127.576

128.305

■ 61, 6.621, 128.767

■ 62, 2.259, 309.133

■ 63, 11.072,
309.555

■ 64, 19.789,
309.913

■ 65, 28.385,
310.234

■ 67, 36.848,
310.522

■ 68, 45.165,
310.779

■ 69, 53.332,
311.008

■ 55, 72.848,
127.767

■ 70, 60.370,
311.477

Harmonies

Complementary

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



60, 15.521, 128.305



54, 15.887, 309.853

Rectangle

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



60, 15.521, 128.305



60, 15.521, 178.305



60, 15.521, 308.305



60, 15.521, 358.305

Sweetspot

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



60, 15.523, 128.307



78, 5.495, 128.876



57, 9.130, 73.304



41, 3.740, 128.846



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, 15.523, 128.307



76, 23.141, 128.121



59, 17.998, 143.385



31, 4.988, 128.688



51, 68.731, 127.651



2, 4.367, 129.071

Inverse Universe

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



54, 15.887, 309.853



66, 23.810, 310.049



55, 18.013, 325.361



29, 5.054, 309.459



20, 78.716, 312.170



0, 4.368, 309.068

Previews

White Background



This preview shows how the CIELCh color 60, 15.521, 128.305 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, 15.521, 128.305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

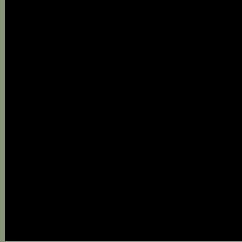
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 15.521, 128.305

Background



This preview shows how black text looks on a background with the CIELCh color 60, 15.521, 128.305.



This preview shows how white text looks on a background with the CIELCh color 60, 15.521, 128.305.

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](#).

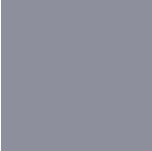
Dichromacy



Original Color
60, 15.521, 128.305

Protanopia
60, 13.339, 94.277

Deuteranopia
60, 13.470, 55.768



Tritanopia
60, 6.854, 281.545

Trichromacy



Original Color
60, 15.521, 128.305

Protanomaly
60, 13.457, 108.634

Deuteranomaly
60, 11.618, 85.919

Tritanomaly
60, 2.936, 176.664

Monochromacy



Original Color
60, 15.521, 128.305

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 5.988, 128.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 15.521, 128.305 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(136, 149, 123)` looks like.

```
.text, #text, p{  
    color:rgb(136, 149, 123)  
}
```

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(136, 149, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 149, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 15.521, 128.305 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(136, 149, 123) }
```

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

```
.border{ border-color:rgb(136, 149, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 149, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 149, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 149, 123);  
box-shadow:4px 4px 4px 4px rgb(136, 149,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 15.521, 128.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 149, 123) }
```

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

```
.background{ background-color: rgb(136,  
149, 123) }
```

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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