

Converting Colors

CIELCh(60, 14.153, 53.810)

Have a look what the booklet for
CIELCh(60, 14.153, 53.810) contains.

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Color

CIELCh(60, 14.175, 53.801)

Conversions

Conversions Part 1

Format	Color
Hex	A78B7D
RGB	167, 139, 125
RGB Percent	65%, 55%, 49%
CMY	0.3455, 0.4552, 0.5101
CMYK	0.00, 0.17, 0.25, 0.35
HSL	20°, 19%, 57%
HSV	20°, 25%, 65%
XYZ	28.8325, 28.1233, 23.2818
YIQ	145.7760, 21.1820, 1.5820

Conversions

Conversions Part 2

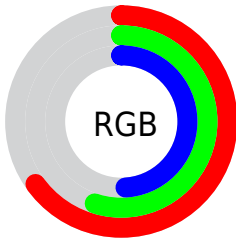
Format	Color
R_{YB}	167, 146, 125
Decimal	10980221
CIE _{Lab}	60.00, 8.37, 11.44
CIE _{LCh}	60, 14.175, 53.801
Yxy	28.1233, 0.3593, 0.3505
Android (android.graphics.Color)	4289170301 (0xFFA78B7D)
YUV	145.7760, -10.2426, 18.6134
Hunter-Lab	53.0314, 4.2432, 11.0926

Details

The CIELCh color $60, 14.175, 53.801$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $62, 12.387, 238.375$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 14.194, 51.542$, and $40, 14.087, 54.315$ is the 20% darker color. If you saturate the color by 10%, you get $57, 20.547, 53.175$, and if you desaturate by 10%, it is $63, 8.239, 54.498$.

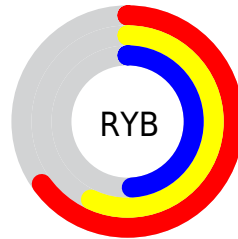
Distribution



Red (65%)

Green (55%)

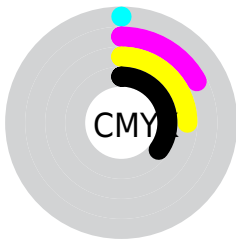
Blue (49%)



Red (65%)

Yellow (57%)

Blue (49%)

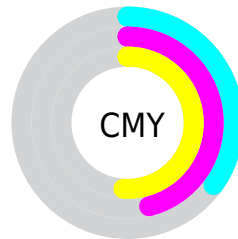


Cyan (0%)

Magenta (17%)

Yellow (25%)

Black (35%)



Cyan (35%)

Magenta (46%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 14.175, 53.801 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, 14.175, 53.801 by changing the saturation by 10% instead.

 60, 14.175, 53.801

 60, 14.175, 53.801

 100, 14.175,
53.801

 50, 14.175, 53.801

 80, 14.175, 53.801

 40, 14.175, 53.801

 90, 14.175, 53.801

 30, 14.175, 53.801

 20, 14.175, 53.801

 10, 14.175, 53.801

 0, 14.175, 53.801

 60, 14.175, 53.801

 60, 14.175, 53.801

 57, 20.547, 53.175

 63, 8.239, 54.498

 54, 27.376, 52.616

 67, 2.706, 55.150

51, 34.654, 52.146

70, 2.464, 236.268

48, 42.313, 51.753

74, 7.309, 236.957

45, 50.170, 51.375

77, 11.869,
237.744

43, 57.795, 50.837

81, 16.177,
238.540

41, 64.348, 49.770

40, 67.413, 49.405

84, 20.265,
239.329

87, 23.204,
236.293

90, 23.685,
218.713

Harmonies

Complementary

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



60, 14.175, 53.801



62, 12.387, 238.375

Rectangle

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



60, 14.175, 53.801



60, 14.175, 103.801



60, 14.175, 233.801



60, 14.175, 283.801

Sweetspot

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



60, 14.175, 53.810



83, 5.246, 54.978



57, 22.663, 337.491



44, 3.778, 54.882



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



60, 14.175, 53.810



74, 21.322, 53.460



66, 19.468, 99.546



34, 3.033, 54.903



35, 61.462, 49.766



3, 5.398, 49.938

Inverse Universe

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



62, 12.387, 238.375



77, 18.028, 239.148



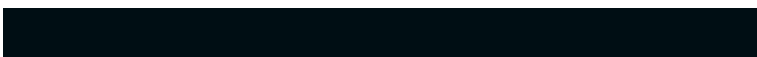
56, 20.146, 285.604



34, 2.900, 236.605



40, 34.172, 261.095



3, 5.477, 245.158

Previews

White Background



This preview shows how the CIELCh color 60, 14.175, 53.801 looks on a white background.

Color Contrast Check

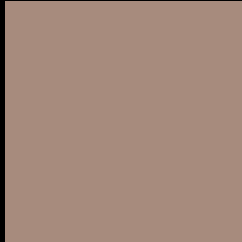
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.175, 53.801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

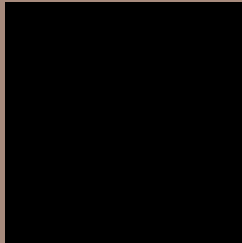
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 14.175, 53.801

Background



This preview shows how black text looks on a background with the CIELCh color 60, 14.175, 53.801.



This preview shows how white text looks on a background with the CIELCh color 60, 14.175, 53.801.

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, 14.175, 53.801

Protanopia

60, 9.432, 91.524

Deuteranopia

60, 13.820, 54.759



Tritanopia
60, 14.212, 357.679

Trichromacy



Original Color
60, 14.175, 53.801

Protanomaly
60, 10.475, 73.097

Deuteranomaly
60, 13.820, 54.759

Tritanomaly
60, 12.539, 18.114

Monochromacy



Original Color
60, 14.175, 53.801

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 5.205, 52.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 14.175, 53.801 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(167, 139, 125)` looks like.

```
.text, #text, p{  
    color:rgb(167, 139, 125)  
}
```

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(167, 139, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 139, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 14.175, 53.801 is called "border". The border property can be set on classes, ids or directly on the HTML element.

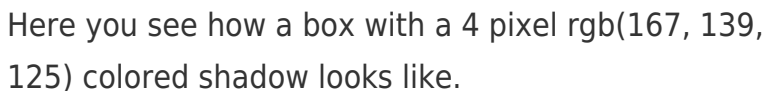
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 139, 125) }
```

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

```
.border{ border-color:rgb(167, 139, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 139, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 139, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 139, 125);  
box-shadow:4px 4px 4px 4px rgb(167, 139,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 14.175, 53.801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 139, 125) }
```

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

```
.background{ background-color: rgb(167,  
139, 125) }
```

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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