

Converting Colors

CIELCh(60, 26.570, 78.844)

Have a look what the booklet for
CIELCh(60, 26.570, 78.844) contains.

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Color

CIELCh(60, 26.510, 78.693)

Conversions

Conversions Part 1

Format	Color
Hex	A98C63
RGB	169, 140, 99
RGB Percent	66%, 55%, 39%
CMY	0.3370, 0.4507, 0.6115
CMYK	0.00, 0.17, 0.41, 0.34
HSL	35°, 29%, 53%
HSV	35°, 41%, 66%
XYZ	28.0230, 28.1233, 15.7733
YIQ	143.9970, 30.4450, -6.6030

Conversions

Conversions Part 2

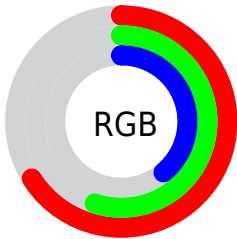
Format	Color
R_{YB}	149, 169, 99
Decimal	11111523
CIE Lab	60.00, 5.20, 26.00
CIE LCh	60, 26.510, 78.693
Yxy	28.1233, 0.3896, 0.3910
Android (android.graphics.Color)	4289301603 (0xFFA98C63)
YUV	143.9970, -22.1835, 21.9276
Hunter-Lab	53.0314, 1.5185, 19.4872

Details

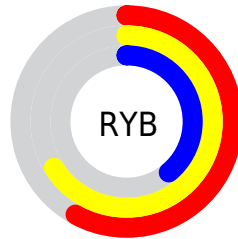
The CIELCh color **60, 26.510, 78.693** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **53, 25.077, 271.231**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 26.408, 78.538**, and **40, 26.211, 78.688** is the 20% darker color. If you saturate the color by 10%, you get **58, 33.358, 77.308**, and if you desaturate by 10%, it is **62, 19.803, 80.051**.

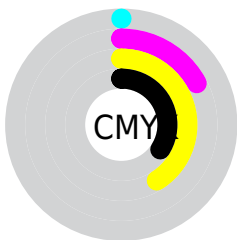
Distribution



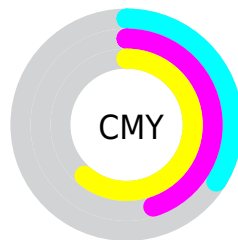
- Red (66%)
- Green (55%)
- Blue (39%)



- Red (58%)
- Yellow (66%)
- Blue (39%)



- Cyan (0%)
- Magenta (17%)
- Yellow (41%)
- Black (34%)



- Cyan (34%)
- Magenta (45%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 26.510, 78.693 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, 26.510, 78.693 by changing the saturation by 10% instead.

60, 26.510, 78.693

60, 26.510, 78.693

100, 26.510,
78.693

50, 26.510, 78.693

80, 26.510, 78.693

40, 26.510, 78.693

90, 26.510, 78.693

30, 26.510, 78.693

20, 26.510, 78.693

10, 26.510, 78.693

0, 26.510, 78.693

60, 26.510, 78.693

60, 26.510, 78.693

58, 33.358, 77.308

62, 19.803, 80.051

56, 40.237, 75.862

64, 13.282, 81.368

■ 54, 46.925, 74.315

■ 67, 6.961, 82.639

■ 52, 53.011, 72.568

■ 69, 0.838, 83.611

■ 50, 57.836, 70.432

■ 71, 5.100, 265.189

■ 49, 60.987, 68.330

■ 74, 10.867,
266.323

■ 76, 16.478,
267.428

■ 78, 21.950,
268.488

■ 81, 27.297,
269.498

Harmonies

Complementary

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



60, 26.510, 78.693



53, 25.077, 271.231

Rectangle

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



60, 26.510, 78.693



60, 26.510, 128.693



60, 26.510, 258.693



60, 26.510, 308.693

Sweetspot

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



60, 26.510, 78.698



84, 9.063, 82.539



51, 32.406, 352.917



44, 6.014, 82.385



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, 26.510, 78.698



74, 40.068, 77.380



67, 37.651, 110.058



34, 3.429, 82.899



43, 55.231, 68.740



4, 5.800, 76.345

Inverse Universe

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



53, 25.077, 271.231



63, 37.475, 273.630



45, 41.790, 298.119



34, 3.397, 265.365



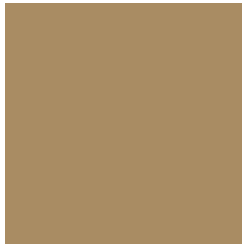
28, 55.695, 290.635



2, 6.553, 269.230

Previews

White Background



This preview shows how the CIELCh color 60, 26.510, 78.693 looks on a white background.

Color Contrast Check

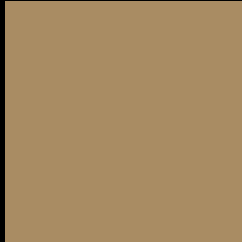
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.510, 78.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

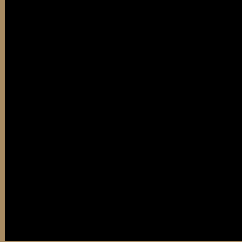
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 26.510, 78.693

Background



This preview shows how black text looks on a background with the CIELCh color 60, 26.510, 78.693.



This preview shows how white text looks on a background with the CIELCh color 60, 26.510, 78.693.

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, 26.510, 78.693

Protanopia

60, 25.015, 96.353

Deuteranopia

60, 27.291, 74.190



Tritanopia
60, 17.043, 0.081

Trichromacy



Original Color
60, 26.510, 78.693

Protanomaly
60, 25.361, 89.332

Deuteranomaly
60, 27.031, 74.958

Tritanomaly
60, 15.697, 37.321

Monochromacy



Original Color
60, 26.510, 78.693

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 9.377, 83.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 26.510, 78.693 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(169, 140, 99)` looks like.

```
.text, #text, p{  
    color:rgb(169, 140, 99)  
}
```

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(169, 140, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 140, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 26.510, 78.693 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(169, 140, 99) }
```

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

```
.border{ border-color:rgb(169, 140, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 140, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 140, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 140, 99);  
box-shadow:4px 4px 4px 4px rgb(169, 140,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 26.510, 78.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 140, 99) }
```

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

```
.background{ background-color: rgb(169,  
140, 99) }
```

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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