

Converting Colors

CIELCh(60, 34.211, 117.451)

Have a look what the booklet for
CIELCh(60, 34.211, 117.451)
contains.

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Color

CIELCh(60, 34.141, 117.273)

Conversions

Conversions Part 1

Format	Color
Hex	88975A
RGB	136, 151, 90
RGB Percent	53%, 59%, 35%
CMY	0.4665, 0.4077, 0.6469
CMYK	0.10, 0.00, 0.40, 0.41
HSL	75°, 25%, 47%
HSV	75°, 40%, 59%
XYZ	23.0807, 28.1233, 13.8936
YIQ	139.5610, 10.6410, -22.1510

Conversions

Conversions Part 2

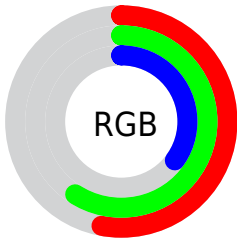
Format	Color
R_{YB}	90, 151, 105
Decimal	8951642
CIE _{Lab}	60.00, -15.64, 30.35
CIE _{LCh}	60, 34.141, 117.273
Yxy	28.1233, 0.3546, 0.4320
Android (android.graphics.Color)	4287141722 (0xFF88975A)
YUV	139.5610, -24.4336, -3.1230
Hunter-Lab	53.0314, -15.1171, 21.5888

Details

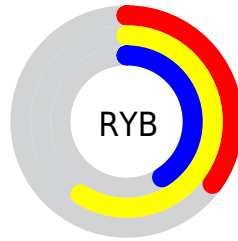
The CIELCh color **60, 34.141, 117.273** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **42, 37.299, 302.929**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 34.027, 117.302**, and **40, 34.290, 117.035** is the 20% darker color. If you saturate the color by 10%, you get **60, 42.067, 116.728**, and if you desaturate by 10%, it is **61, 25.893, 117.877**.

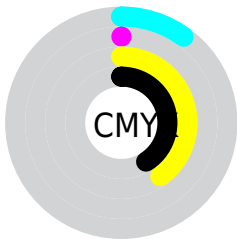
Distribution



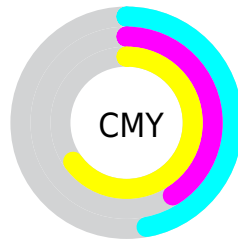
- Red (53%)
- Green (59%)
- Blue (35%)



- Red (35%)
- Yellow (59%)
- Blue (41%)



- Cyan (10%)
- Magenta (0%)
- Yellow (40%)
- Black (41%)





- Cyan (47%)
- Magenta (41%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 34.141, 117.273 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, 34.141, 117.273 by changing the saturation by 10% instead.


 60, 34.141,
117.273


 60, 34.141,
117.273


 100, 34.141,
117.273


 50, 34.141,
117.273


 80, 34.141,
117.273

 40, 34.141,
117.273

 90, 34.141,
117.273


 30, 34.141,
117.273

 20, 34.141,
117.273

 10, 34.141,
117.273

 0, 34.141, 117.273

 60, 34.141,

 60, 34.141,

117.273

117.273

■ 60, 42.067,
116.728

■ 61, 25.893,
117.877

■ 59, 49.469,
116.286

■ 61, 17.452,
118.501

■ 59, 56.069,
116.016

■ 62, 8.909, 119.126

■ 58, 61.509,
116.008

■ 62, 0.325, 119.803

■ 63, 8.256, 300.312

■ 58, 65.431,
116.357

■ 64, 16.805,
300.868

■ 58, 68.009,
116.964

■ 65, 25.300,
301.390

■ 66, 33.723,
301.878

■ 67, 42.063,

Harmonies

Complementary

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



60, 34.141, 117.273



42, 37.299, 302.929

Rectangle

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



60, 34.141, 117.273



60, 34.141, 167.273



60, 34.141, 297.273



60, 34.141, 347.273

Sweetspot

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



60, 34.142, 117.275



78, 12.743, 119.011



49, 22.958, 42.628



41, 8.518, 118.938



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



60, 34.142, 117.275



76, 49.732, 116.801



58, 38.565, 134.756



32, 4.898, 119.197



54, 64.400, 116.881



3, 5.323, 120.235

Inverse Universe

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



42, 37.299, 302.929



49, 55.632, 303.800



45, 39.539, 318.461



30, 4.993, 300.340



17, 83.739, 307.872



0, 5.313, 299.596

Previews

White Background



This preview shows how the CIELCh color 60, 34.141, 117.273 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, 34.141, 117.273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

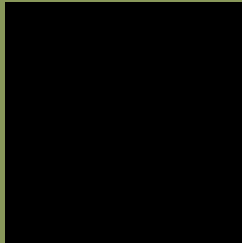
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 34.141, 117.273

Background



This preview shows how black text looks on a background with the CIELCh color 60, 34.141, 117.273.



This preview shows how white text looks on a background with the CIELCh color 60, 34.141, 117.273.

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, 34.141, 117.273

Protanopia
60, 31.717, 95.260

Deuteranopia
60, 30.259, 75.130



Tritanopia
60, 6.805, 294.119

Trichromacy



Original Color
60, 34.141, 117.273

Protanomaly
60, 32.045, 104.133

Deuteranomaly
60, 29.447, 92.072

Tritanomaly
60, 8.683, 122.515

Monochromacy



Original Color
60, 34.141, 117.273

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 12.562, 118.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 34.141, 117.273 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, 151, 90)` looks like.

```
.text, #text, p{  
    color:rgb(136, 151, 90)  
}
```

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, 151, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 151, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 34.141, 117.273 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, 151, 90) }
```

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

```
.border{ border-color:rgb(136, 151, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 151, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 151, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 151, 90);  
box-shadow:4px 4px 4px 4px rgb(136, 151,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 34.141, 117.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 151, 90) }
```

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

```
.background{ background-color: rgb(136,  
151, 90) }
```

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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