

Converting Colors

CIELCh(60, 35.220, 119.716)

Have a look what the booklet for
CIELCh(60, 35.220, 119.716)
contains.

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Color

CIELCh(60, 35.517, 119.536)

Conversions

Conversions Part 1

Format	Color
Hex	859859
RGB	133, 152, 89
RGB Percent	52%, 60%, 35%
CMY	0.4788, 0.4043, 0.6513
CMYK	0.13, 0.00, 0.41, 0.40
HSL	78°, 26%, 47%
HSV	78°, 41%, 60%
XYZ	22.6693, 28.1233, 13.6648
YIQ	139.1370, 8.8990, -23.6210

Conversions

Conversions Part 2

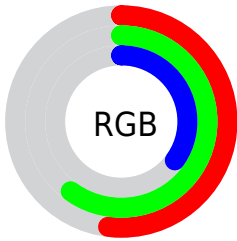
Format	Color
R_{YB}	89, 152, 108
Decimal	8755289
CIE _{Lab}	60.00, -17.51, 30.90
CIE _{LCh}	60, 35.517, 119.536
Yxy	28.1233, 0.3517, 0.4363
Android (android.graphics.Color)	4286945369 (0xFF859859)
YUV	139.1370, -24.7175, -5.3821
Hunter-Lab	53.0314, -16.5017, 21.8446

Details

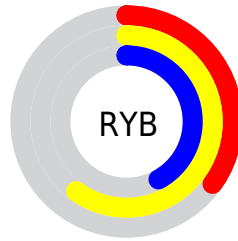
The CIELCh color $60, 35.517, 119.536$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $42, 38.677, 304.785$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 35.334, 119.454$, and $40, 35.715, 119.456$ is the 20% darker color. If you saturate the color by 10%, you get $59, 43.533, 119.050$, and if you desaturate by 10%, it is $61, 27.165, 120.086$.

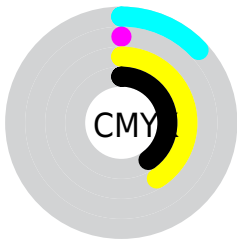
Distribution



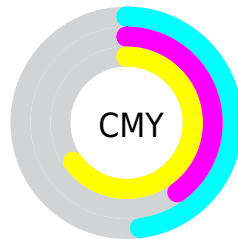
- Red (52%)
- Green (60%)
- Blue (35%)



- Red (35%)
- Yellow (60%)
- Blue (42%)



- Cyan (13%)
- Magenta (0%)
- Yellow (41%)
- Black (40%)





- Cyan (48%)
- Magenta (40%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 35.517, 119.536 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, 35.517, 119.536 by changing the saturation by 10% instead.


 60, 35.517,
119.536


 60, 35.517,
119.536


 100, 35.517,
119.536


 50, 35.517,
119.536


 80, 35.517,
119.536


 40, 35.517,
119.536

 90, 35.517,
119.536

 30, 35.517,
119.536

 20, 35.517,
119.536

 10, 35.517,
119.536

 0, 35.517, 119.536

 60, 35.517,

 60, 35.517,

119.536

119.536

■ 59, 43.533,
119.050

■ 61, 27.165,
120.086

■ 59, 51.005,
118.676

■ 61, 18.615,
120.659

■ 59, 57.644,
118.492

■ 62, 9.962, 121.232

■ 58, 63.089,
118.597

■ 63, 1.270, 121.816

■ 63, 7.414, 302.311

■ 58, 66.990,
119.094

■ 64, 16.058,
302.816

■ 58, 69.381,
119.740

■ 65, 24.639,
303.286

■ 66, 33.139,
303.723

■ 67, 41.544,

Harmonies

Complementary

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



60, 35.517, 119.536



42, 38.677, 304.785

Rectangle

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



60, 35.517, 119.536



60, 35.517, 169.536



60, 35.517, 299.536



60, 35.517, 349.536

Sweetspot

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



60, 35.518, 119.538



78, 12.846, 121.188



50, 23.139, 49.342



41, 8.588, 121.122



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, 35.518, 119.538



75, 52.168, 119.072



58, 40.575, 136.544



32, 4.937, 121.359



53, 65.412, 119.639



3, 5.363, 122.302

Inverse Universe

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



42, 38.677, 304.785



49, 58.214, 305.626



46, 41.280, 320.576



30, 5.027, 302.392



17, 82.982, 308.553



0, 5.351, 301.672

Previews

White Background



This preview shows how the CIELCh color 60, 35.517, 119.536 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, 35.517, 119.536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

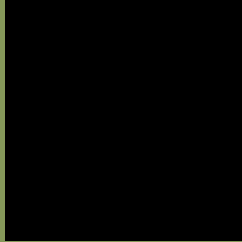
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 35.517, 119.536

Background



This preview shows how black text looks on a background with the CIELCh color 60, 35.517, 119.536.



This preview shows how white text looks on a background with the CIELCh color 60, 35.517, 119.536.

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, 35.517, 119.536

Protanopia
60, 32.766, 95.467

Deuteranopia
60, 30.741, 75.569



Tritanopia
60, 6.250, 283.994

Trichromacy



Original Color
60, 35.517, 119.536

Protanomaly
60, 33.084, 104.841

Deuteranomaly
60, 29.855, 93.075

Tritanomaly
60, 9.568, 128.609

Monochromacy



Original Color
60, 35.517, 119.536

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 13.279, 121.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 35.517, 119.536 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(133, 152, 89)` looks like.

```
.text, #text, p{  
    color:rgb(133, 152, 89)  
}
```

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(133, 152, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 152, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 35.517, 119.536 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(133, 152, 89) }
```

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

```
.border{ border-color:rgb(133, 152, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 152, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 152, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 152, 89);  
box-shadow:4px 4px 4px 4px rgb(133, 152,  
89) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 35.517, 119.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 152, 89) }
```

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

```
.background{ background-color: rgb(133,  
152, 89) }
```

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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