

Converting Colors

CIELCh(60, 32.590, 133.957)

Have a look what the booklet for
CIELCh(60, 32.590, 133.957)
contains.

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Color

CIELCh(60, 33.093, 134.054)

Conversions

Conversions Part 1

Format	Color
Hex	769B66
RGB	118, 155, 102
RGB Percent	46%, 61%, 40%
CMY	0.5384, 0.3934, 0.6011
CMYK	0.24, 0.00, 0.34, 0.39
HSL	102°, 21%, 50%
HSV	102°, 34%, 61%
XYZ	21.4839, 28.1233, 16.7909
YIQ	137.8950, -5.0390, -24.3270

Conversions

Conversions Part 2

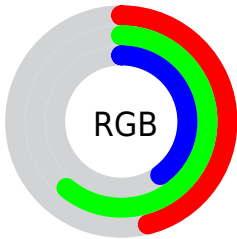
Format	Color
RYB	102, 155, 139
Decimal	7773030
CIELab	60.00, -23.01, 23.78
CIElCh	60, 33.093, 134.054
Yxy	28.1233, 0.3236, 0.4236
Android (android.graphics.Color)	4285963110 (0xFF769B66)
YUV	137.8950, -17.6962, -17.4479
Hunter-Lab	53.0314, -20.4918, 18.3495

Details

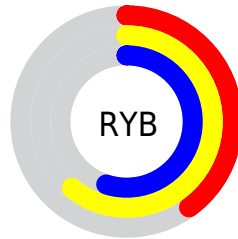
The CIELCh color $60, 33.093, 134.054$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $49, 33.937, 317.111$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 33.553, 133.968$, and $40, 33.504, 134.034$ is the 20% darker color. If you saturate the color by 10%, you get $59, 42.500, 133.509$, and if you desaturate by 10%, it is $61, 23.472, 134.583$.

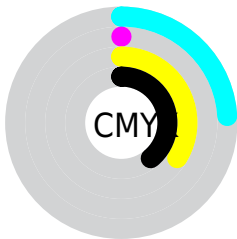
Distribution



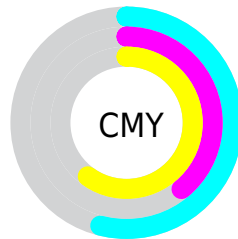
- Red (46%)
- Green (61%)
- Blue (40%)



- Red (40%)
- Yellow (61%)
- Blue (55%)



- Cyan (24%)
- Magenta (0%)
- Yellow (34%)
- Black (39%)





- Cyan (54%)
- Magenta (39%)
- Yellow (60%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 33.093, 134.054 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, 33.093, 134.054 by changing the saturation by 10% instead.


 60, 33.093,
134.054


 60, 33.093,
134.054


 100, 33.093,
134.054


 50, 33.093,
134.054


 80, 33.093,
134.054

 40, 33.093,
134.054

 90, 33.093,
134.054


 30, 33.093,
134.054

 20, 33.093,
134.054

 10, 33.093,
134.054

 0, 33.093, 134.054

 60, 33.093,

 60, 33.093,

134.054

134.054

■ 59, 42.500,
133.509

■ 61, 23.472,
134.583

■ 58, 51.501,
132.980

■ 62, 13.769,
135.075

■ 58, 59.839,
132.531

■ 63, 4.085, 135.542

■ 57, 67.175,
132.254

■ 65, 5.512, 315.870

■ 57, 73.110,
132.269

■ 66, 14.970,
316.232

■ 56, 77.303,
132.681

■ 67, 24.256,
316.537

■ 56, 79.236,
132.941

■ 69, 33.348,
316.800

■ 71, 42.232,
317.026

■ 72, 50.902,
317.220

Harmonies

Complementary

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



60, 33.093, 134.054



49, 33.937, 317.111

Rectangle

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



60, 33.093, 134.054



60, 33.093, 184.054



60, 33.093, 314.054



60, 33.093, 4.054

Sweetspot

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



60, 33.094, 134.055



80, 11.964, 135.264



58, 21.737, 88.139



42, 8.232, 135.203



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



60, 33.094, 134.055



76, 48.928, 133.642



59, 31.989, 147.358



32, 5.401, 135.309



51, 73.661, 132.828



3, 5.838, 135.839

Inverse Universe

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



49, 33.937, 317.111



59, 50.441, 317.418



50, 32.092, 332.076



30, 5.444, 316.036



25, 76.680, 317.517



1, 5.813, 315.303

Previews

White Background



This preview shows how the CIELCh color 60, 33.093, 134.054 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, 33.093, 134.054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

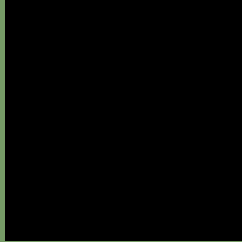
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 33.093, 134.054

Background



This preview shows how black text looks on a background with the CIELCh color 60, 33.093, 134.054.



This preview shows how white text looks on a background with the CIELCh color 60, 33.093, 134.054.

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](#).

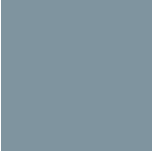
Dichromacy



Original Color
60, 33.093, 134.054

Protanopia
60, 26.748, 95.828

Deuteranopia
60, 23.750, 70.678



Tritanopia
60, 9.658, 239.088

Trichromacy



Original Color
60, 33.093, 134.054

Protanomaly
60, 27.305, 112.458

Deuteranomaly
60, 22.639, 98.839

Tritanomaly
60, 12.121, 164.298

Monochromacy



Original Color
60, 33.093, 134.054

Achromatopsia
57, 0.007, 296.813

Achromatomaly
58, 11.972, 134.686

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 33.093, 134.054 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(118, 155, 102)` looks like.

```
.text, #text, p{  
    color:rgb(118, 155, 102)  
}
```

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(118, 155, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 155, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 33.093, 134.054 is called "border". The border property can be set on classes, ids or directly on the HTML element.

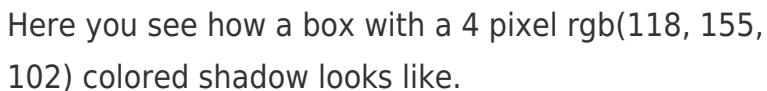
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 155, 102) }
```

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

```
.border{ border-color:rgb(118, 155, 102) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 155, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 155, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 155, 102);  
box-shadow:4px 4px 4px 4px rgb(118, 155,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 33.093, 134.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 155, 102) }
```

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

```
.background{ background-color: rgb(118,  
155, 102) }
```

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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