

Converting Colors

CIELCh(60, 40.333, 141.741)

Have a look what the booklet for
CIELCh(60, 40.333, 141.741)
contains.

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Color

CIELCh(60, 40.259, 141.742)

Conversions

Conversions Part 1

Format	Color
Hex	639E63
RGB	99, 158, 99
RGB Percent	39%, 62%, 39%
CMY	0.6107, 0.3793, 0.6107
CMYK	0.37, 0.00, 0.37, 0.38
HSL	120°, 23%, 50%
HSV	120°, 37%, 62%
XYZ	19.7146, 28.1233, 16.2588
YIQ	133.6330, -16.2250, -30.8570

Conversions

Conversions Part 2

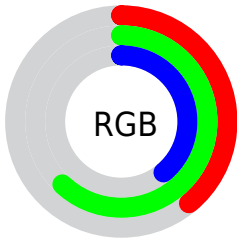
Format	Color
R_{YB}	99, 158, 158
Decimal	6528611
CIE _{Lab}	60.00, -31.61, 24.93
CIE _{LCh}	60, 40.259, 141.742
Yxy	28.1233, 0.3076, 0.4388
Android (android.graphics.Color)	4284718691 (0xFF639E63)
YUV	133.6330, -17.0741, -30.3731
Hunter-Lab	53.0314, -26.4472, 18.9444

Details

The CIELCh color $60, 40.259, 141.742$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $50, 40.211, 326.395$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 40.409, 141.630$, and $40, 40.311, 141.505$ is the 20% darker color. If you saturate the color by 10%, you get $59, 50.489, 140.748$, and if you desaturate by 10%, it is $61, 29.594, 142.622$.

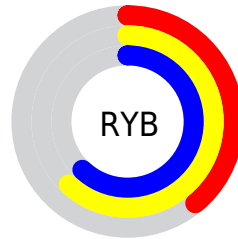
Distribution



Red (39%)

Green (62%)

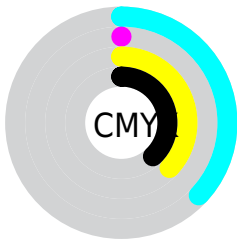
Blue (39%)



Red (39%)

Yellow (62%)

Blue (62%)

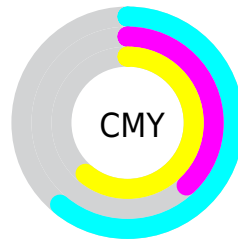


Cyan (37%)

Magenta (0%)

Yellow (37%)

Black (38%)



Cyan (61%)


Magenta (38%)


Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 40.259, 141.742 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, 40.259, 141.742 by changing the saturation by 10% instead.


 60, 40.259,
141.742


 60, 40.259,
141.742


 100, 40.259,
141.742


 50, 40.259,
141.742


 80, 40.259,
141.742

 40, 40.259,
141.742

 90, 40.259,
141.742

 30, 40.259,
141.742

 20, 40.259,
141.742

 10, 40.259,
141.742

 0, 40.259, 141.742

 60, 40.259,

 60, 40.259,

141.742

141.742

■ 59, 50.489,
140.748

■ 61, 29.594,
142.622

■ 58, 59.981,
139.665

■ 63, 18.731,
143.387

■ 58, 68.375,
138.550

■ 64, 7.852, 144.053

■ 57, 75.256,
137.508

■ 66, 2.906, 324.503

■ 57, 80.218,
136.675

■ 67, 13.450,
325.030

■ 57, 83.169,
136.144

■ 69, 23.719,
325.433

■ 57, 83.866,
136.015

■ 71, 33.678,
325.773

■ 74, 43.308,
326.061

■ 76, 52.607,
326.307

Harmonies

Complementary

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



60, 40.259, 141.742



50, 40.211, 326.395

Rectangle

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



60, 40.259, 141.742



60, 40.259, 191.742



60, 40.259, 321.742



60, 40.259, 11.742

Sweetspot

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



60, 40.260, 141.742



81, 14.759, 143.801



64, 31.718, 105.936



43, 10.003, 143.717



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



60, 40.260, 141.742



76, 59.797, 140.896



61, 28.043, 159.267



33, 6.094, 143.928



51, 77.781, 136.015



3, 7.943, 144.439

Inverse Universe

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



50, 40.211, 326.395



61, 59.591, 326.804



49, 29.192, 346.238



31, 6.104, 324.911



34, 75.047, 328.226



1, 7.944, 324.433

Previews

White Background



This preview shows how the CIELCh color 60, 40.259, 141.742 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, 40.259, 141.742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

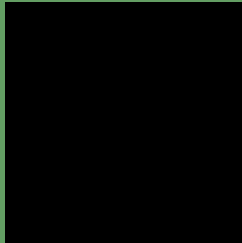
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 40.259, 141.742

Background



This preview shows how black text looks on a background with the CIELCh color 60, 40.259, 141.742.



This preview shows how white text looks on a background with the CIELCh color 60, 40.259, 141.742.

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, 40.259, 141.742

Protanopia
60, 28.887, 96.347

Deuteranopia
60, 24.215, 71.366



Tritanopia
60, 15.121, 225.127

Trichromacy



Original Color
60, 40.259, 141.742

Protanomaly
59, 30.476, 118.078

Deuteranomaly
59, 23.992, 107.393

Tritanomaly
60, 19.123, 173.172

Monochromacy



Original Color
60, 40.259, 141.742

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 15.329, 143.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 40.259, 141.742 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(99, 158, 99)` looks like.

```
.text, #text, p{  
    color:rgb(99, 158, 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(99, 158, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 158, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 40.259, 141.742 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(99, 158, 99) }
```

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

```
.border{ border-color:rgb(99, 158, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 158, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 158, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 158, 99);  
box-shadow:4px 4px 4px 4px rgb(99, 158,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 40.259, 141.742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 158, 99) }
```

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

```
.background{ background-color: rgb(99, 158,  
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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