

Converting Colors

CIELCh(60, 47.668, 139.374)

Have a look what the booklet for
CIELCh(60, 47.668, 139.374)
contains.

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Color

CIELCh(60, 47.639, 139.484)

Conversions

Conversions Part 1

Format	Color
Hex	5DA058
RGB	93, 160, 88
RGB Percent	36%, 63%, 35%
CMY	0.6358, 0.3730, 0.6553
CMYK	0.42, 0.00, 0.45, 0.37
HSL	116°, 29%, 49%
HSV	116°, 45%, 63%
XYZ	18.8089, 28.1233, 13.6452
YIQ	131.7590, -16.8200, -36.5960

Conversions

Conversions Part 2

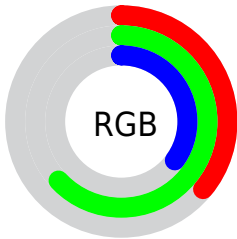
Format	Color
R_{YB}	88, 160, 155
Decimal	6135896
CIE _{Lab}	60.00, -36.22, 30.95
CIE _{LCh}	60, 47.639, 139.484
Yxy	28.1233, 0.3105, 0.4643
Android (android.graphics.Color)	4284325976 (0xFF5DA058)
YUV	131.7590, -21.5732, -33.9916
Hunter-Lab	53.0314, -29.4958, 21.8664

Details

The CIELCh color $60, 47.639, 139.484$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $48, 47.783, 324.706$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $80, 47.426, 139.365$, and $40, 47.772, 139.291$ is the 20% darker color. If you saturate the color by 10%, you get $59, 57.320, 138.572$, and if you desaturate by 10%, it is $61, 37.367, 140.332$.

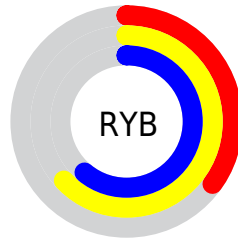
Distribution



Red (36%)

Green (63%)

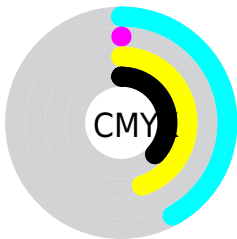
Blue (35%)



Red (35%)

Yellow (63%)

Blue (61%)

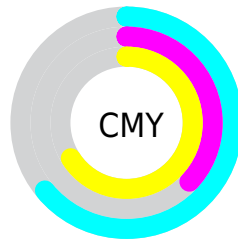


Cyan (42%)

Magenta (0%)

Yellow (45%)

Black (37%)



Cyan (64%)

Magenta (37%)

Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 47.639, 139.484 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, 47.639, 139.484 by changing the saturation by 10% instead.

 60, 47.639,
139.484


 60, 47.639,
139.484

 100, 47.639,
139.484

 50, 47.639,
139.484

 80, 47.639,
139.484

 40, 47.639,
139.484

 90, 47.639,
139.484

 30, 47.639,
139.484

 20, 47.639,
139.484

 10, 47.639,
139.484

 0, 47.639, 139.484

 60, 47.639,

 60, 47.639,

139.484

139.484

■ 59, 57.320,
138.572

■ 61, 37.367,
140.332

■ 58, 66.076,
137.649

■ 62, 26.764,
141.090

■ 58, 73.505,
136.807

■ 64, 16.034,
141.757

■ 58, 79.176,
136.172

■ 65, 5.329, 142.352

■ 57, 82.774,
135.853

■ 67, 5.240, 322.762

■ 57, 84.091,
135.673

■ 68, 15.598,
323.203

■ 70, 25.694,
323.560

■ 72, 35.501,
323.862

■ 74, 45.004,
324.118

Harmonies

Complementary

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



60, 47.639, 139.484



48, 47.783, 324.706

Rectangle

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



60, 47.639, 139.484



60, 47.639, 189.484



60, 47.639, 319.484



60, 47.639, 9.484

Sweetspot

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



60, 47.640, 139.484



81, 18.579, 141.804



63, 36.087, 101.975



42, 12.812, 141.677



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, 47.640, 139.484



76, 69.986, 138.571



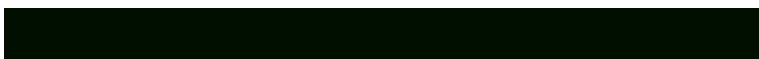
60, 35.718, 155.141



33, 5.959, 142.105



51, 77.364, 135.624



3, 7.778, 142.669

Inverse Universe

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



48, 47.783, 324.706



58, 70.008, 325.088



47, 36.790, 343.435



31, 5.975, 323.003



32, 75.342, 325.579



1, 7.733, 322.141

Previews

White Background



This preview shows how the CIE LCh color 60, 47.639, 139.484 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, 47.639, 139.484 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, 47.639, 139.484

Background



This preview shows how black text looks on a background with the CIELCh color 60, 47.639, 139.484.



This preview shows how white text looks on a background with the CIELCh color 60, 47.639, 139.484.

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, 47.639, 139.484

Protanopia
60, 34.848, 95.821

Deuteranopia
59, 29.821, 74.642



Tritanopia
60, 15.945, 223.579

Trichromacy



Original Color
60, 47.639, 139.484

Protanomaly
59, 36.822, 116.921

Deuteranomaly
59, 29.952, 107.526

Tritanomaly
60, 21.511, 169.168

Monochromacy



Original Color
60, 47.639, 139.484

Achromatopsia
55, 0.007, 296.813

Achromatomaly
57, 17.708, 141.360

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 47.639, 139.484 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(93, 160, 88)` looks like.

```
.text, #text, p{  
    color:rgb(93, 160, 88)  
}
```

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(93, 160, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 160, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 47.639, 139.484 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(93, 160, 88) }
```

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

```
.border{ border-color:rgb(93, 160, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 160, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 160, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 160, 88);  
box-shadow:4px 4px 4px 4px rgb(93, 160,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 47.639, 139.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 160, 88) }
```

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

```
.background{ background-color: rgb(93, 160,  
88) }
```

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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