

Converting Colors

CIELCh(55, 29.536, 141.508)

Have a look what the booklet for
CIELCh(55, 29.536, 141.508)
contains.

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Color

CIELCh(55, 29.590, 141.289)

Conversions

Conversions Part 1

Format	Color
Hex	658E63
RGB	101, 142, 99
RGB Percent	40%, 56%, 39%
CMY	0.6048, 0.4440, 0.6126
CMYK	0.29, 0.00, 0.30, 0.44
HSL	117°, 18%, 47%
HSV	117°, 30%, 56%
XYZ	17.2240, 22.9298, 15.2694
YIQ	124.8390, -10.6330, -22.0650

Conversions

Conversions Part 2

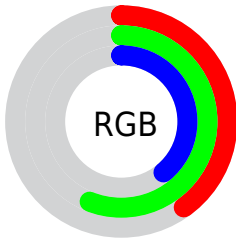
Format	Color
R_{YB}	99, 142, 140
Decimal	6655587
CIE _{Lab}	55.00, -23.09, 18.51
CIE _{LCh}	55, 29.590, 141.289
Yxy	22.9298, 0.3108, 0.4137
Android (android.graphics.Color)	4284845667 (0xFF658E63)
YUV	124.8390, -12.7386, -20.9068
Hunter-Lab	47.8851, -19.5934, 14.6134

Details

The CIELCh color $55, 29.590, 141.289$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $47, 29.665, 324.700$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 29.665, 141.281$, and $35, 29.293, 141.446$ is the 20% darker color. If you saturate the color by 10%, you get $54, 39.140, 140.459$, and if you desaturate by 10%, it is $56, 19.834, 142.021$.

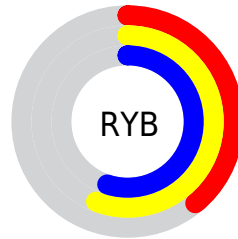
Distribution



Red (40%)

Green (56%)

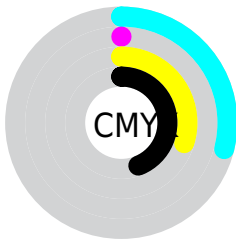
Blue (39%)



Red (39%)

Yellow (56%)

Blue (55%)

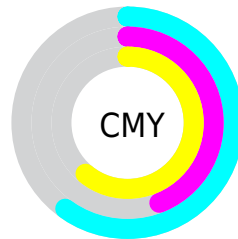


Cyan (29%)

Magenta (0%)

Yellow (30%)

Black (44%)



Cyan (60%)


Magenta (44%)


Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 29.590, 141.289 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 55, 29.590, 141.289 by changing the saturation by 10% instead.

 55, 29.590,
141.289


 55, 29.590,
141.289


 100, 29.590,
141.289


 45, 29.590,
141.289


 75, 29.590,
141.289

 35, 29.590,
141.289

 85, 29.590,
141.289

 25, 29.590,
141.289

 95, 29.590,
141.289

 15, 29.590,
141.289

 5, 29.590, 141.289

 0, 29.590, 141.289

■ 55, 29.590,
141.289

■ 55, 29.590,
141.289

■ 54, 39.140,
140.459

■ 56, 19.834,
142.021

■ 53, 48.267,
139.542

■ 57, 10.030,
142.661

■ 52, 56.704,
138.570

■ 59, 0.303, 143.815

■ 52, 64.120,
137.613

■ 60, 9.263, 323.621

■ 51, 70.137,
136.778

■ 62, 18.608,
324.023

■ 51, 74.395,
136.195

■ 64, 27.697,
324.359

■ 51, 77.094,
135.751

■ 66, 36.511,
324.644

■ 68, 45.041,
324.886

■ 70, 53.290,
325.093

Harmonies

Complementary

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



55, 29.590, 141.289



47, 29.665, 324.700

Rectangle

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



55, 29.590, 141.289



55, 29.590, 191.289



55, 29.590, 321.289



55, 29.590, 11.289

Sweetspot

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



55, 29.591, 141.289



73, 10.793, 142.728



57, 22.967, 105.127



38, 7.480, 142.651



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



55, 29.591, 141.289



69, 43.265, 140.767



55, 21.535, 158.418



30, 5.515, 142.729



49, 74.444, 135.736



2, 3.711, 143.199

Inverse Universe

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



47, 29.665, 324.700



58, 43.358, 325.005



47, 22.142, 343.619



28, 5.528, 323.636



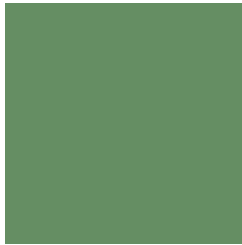
30, 72.271, 326.457



1, 3.712, 323.194

Previews

White Background



This preview shows how the CIELCh color 55, 29.590, 141.289 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 55, 29.590, 141.289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

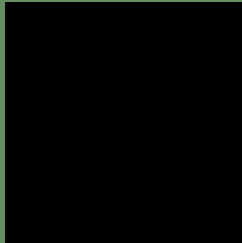
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 29.590, 141.289

Background



This preview shows how black text looks on a background with the CIELCh color 55, 29.590, 141.289.



This preview shows how white text looks on a background with the CIELCh color 55, 29.590, 141.289.

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
55, 29.590, 141.289

Protanopia
55, 21.515, 95.795

Deuteranopia
55, 18.573, 67.269



Tritanopia
55, 11.399, 232.481

Trichromacy



Original Color
55, 29.590, 141.289

Protanomaly
55, 22.430, 117.363

Deuteranomaly
55, 17.699, 103.821

Tritanomaly
55, 13.293, 175.144

Monochromacy



Original Color
55, 29.590, 141.289

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 11.080, 142.125

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 29.590, 141.289 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(101, 142, 99)` looks like.

```
.text, #text, p{  
    color:rgb(101, 142, 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(101, 142, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 142, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 29.590, 141.289 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(101, 142, 99) }
```

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

```
.border{ border-color:rgb(101, 142, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 142, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 142, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 142, 99);  
box-shadow:4px 4px 4px 4px rgb(101, 142,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 29.590, 141.289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 142, 99) }
```

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

```
.background{ background-color: rgb(101,  
142, 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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