

Converting Colors

CIELCh(55, 34.708, 148.681)

Have a look what the booklet for
CIELCh(55, 34.708, 148.681)
contains.

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Color

CIELCh(55, 34.529, 148.517)

Conversions

Conversions Part 1

Format	Color
Hex	559063
RGB	85, 144, 99
RGB Percent	33%, 56%, 39%
CMY	0.6651, 0.4337, 0.6103
CMYK	0.41, 0.00, 0.31, 0.43
HSL	134°, 26%, 45%
HSV	134°, 41%, 57%
XYZ	16.0890, 22.9298, 15.4788
YIQ	121.2290, -20.7190, -26.5030

Conversions

Conversions Part 2

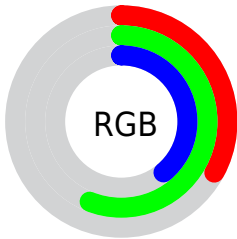
Format	Color
R_{YB}	85, 133, 144
Decimal	5607523
CIE _{Lab}	55.00, -29.45, 18.03
CIE _{LCh}	55, 34.529, 148.517
Yxy	22.9298, 0.2952, 0.4207
Android (android.graphics.Color)	4283797603 (0xFF559063)
YUV	121.2290, -10.9589, -31.7728
Hunter-Lab	47.8851, -23.8243, 14.3542

Details

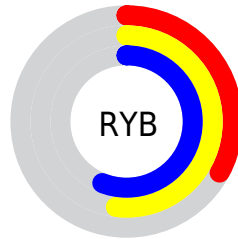
The CIELCh color $55, 34.529, 148.517$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $44, 34.714, 334.582$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 34.460, 148.629$, and $35, 34.455, 148.518$ is the 20% darker color. If you saturate the color by 10%, you get $54, 42.505, 147.360$, and if you desaturate by 10%, it is $56, 26.226, 149.525$.

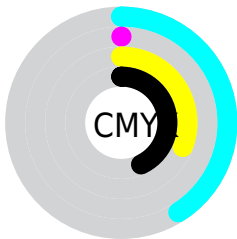
Distribution



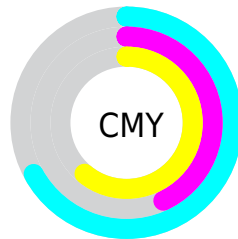
- Red (33%)
- Green (56%)
- Blue (39%)



- Red (33%)
- Yellow (52%)
- Blue (56%)



- Cyan (41%)
- Magenta (0%)
- Yellow (31%)
- Black (43%)





- Cyan (67%)
- Magenta (43%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 34.529, 148.517 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, 34.529, 148.517 by changing the saturation by 10% instead.


 55, 34.529,
148.517


 55, 34.529,
148.517


 100, 34.529,
148.517


 45, 34.529,
148.517


 75, 34.529,
148.517

 35, 34.529,
148.517

 85, 34.529,
148.517

 25, 34.529,
148.517

 95, 34.529,
148.517

 15, 34.529,
148.517

 5, 34.529, 148.517

 0, 34.529, 148.517

■ 55, 34.529,
148.517

■ 55, 34.529,
148.517

■ 54, 42.505,
147.360

■ 56, 26.226,
149.525

■ 53, 49.985,
146.042

■ 57, 17.743,
150.401

■ 53, 56.802,
144.564

■ 58, 9.208, 151.171

■ 53, 62.799,
142.945

■ 60, 0.722, 152.150

■ 61, 7.637, 332.344

■ 52, 67.846,
141.237

■ 63, 15.814,
332.867

■ 52, 71.665,
139.783

■ 65, 23.775,
333.320

■ 67, 31.497,
333.722

■ 69, 38.970,
334.080

Harmonies

Complementary

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



55, 34.529, 148.517



44, 34.714, 334.582

Rectangle

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



55, 34.529, 148.517



55, 34.529, 198.517



55, 34.529, 328.517



55, 34.529, 18.517

Sweetspot

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



55, 34.530, 148.517



74, 12.659, 151.069



58, 33.226, 116.722



39, 8.374, 150.986



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



55, 34.530, 148.517



70, 50.988, 147.461



56, 23.248, 174.275



30, 4.737, 151.294



49, 68.104, 139.902



2, 3.189, 151.858

Inverse Universe

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



44, 34.714, 334.582



54, 51.067, 335.274



43, 26.608, 3.187



28, 4.754, 332.394



30, 60.361, 340.104



1, 3.190, 331.852

Previews

White Background



This preview shows how the CIE LCh color 55, 34.529, 148.517 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 55, 34.529, 148.517 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, 34.529, 148.517

Background



This preview shows how black text looks on a background with the CIELCh color 55, 34.529, 148.517.



This preview shows how white text looks on a background with the CIELCh color 55, 34.529, 148.517.

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, 34.529, 148.517

Protanopia
55, 22.066, 95.998

Deuteranopia
55, 17.818, 67.230



Tritanopia
55, 15.585, 222.267

Trichromacy



Original Color
55, 34.529, 148.517

Protanomaly
55, 24.086, 122.714

Deuteranomaly
54, 17.781, 114.852

Tritanomaly
55, 18.341, 181.137

Monochromacy



Original Color
55, 34.529, 148.517

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 12.579, 150.828

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 34.529, 148.517 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(85, 144, 99)` looks like.

```
.text, #text, p{  
    color:rgb(85, 144, 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(85, 144, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 144, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 34.529, 148.517 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(85, 144, 99) }
```

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

```
.border{ border-color:rgb(85, 144, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 144, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 144, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 144, 99);  
box-shadow:4px 4px 4px 4px rgb(85, 144,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 34.529, 148.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 144, 99) }
```

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

```
.background{ background-color: rgb(85, 144,  
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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