

Converting Colors

CIELCh(55, 33.877, 147.815)

Have a look what the booklet for
CIELCh(55, 33.877, 147.815)
contains.

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Color

CIELCh(55, 34.071, 147.747)

Conversions

Conversions Part 1

Format	Color
Hex	579063
RGB	87, 144, 99
RGB Percent	34%, 56%, 39%
CMY	0.6582, 0.4347, 0.6112
CMYK	0.40, 0.00, 0.31, 0.43
HSL	133°, 25%, 45%
HSV	133°, 40%, 57%
XYZ	16.1996, 22.9298, 15.4123
YIQ	121.8270, -19.5270, -26.0790

Conversions

Conversions Part 2

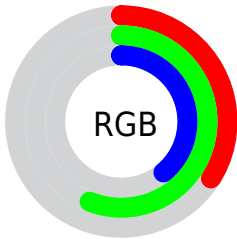
Format	Color
R_{YB}	87, 134, 144
Decimal	5738595
CIE _{Lab}	55.00, -28.81, 18.18
CIE _{LCh}	55, 34.071, 147.747
Yxy	22.9298, 0.2970, 0.4204
Android (android.graphics.Color)	4283928675 (0xFF579063)
YUV	121.8270, -11.2537, -30.5433
Hunter-Lab	47.8851, -23.4120, 14.4365

Details

The CIELCh color $55, 34.071, 147.747$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $45, 34.201, 333.437$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 34.002, 147.828$, and $35, 34.069, 147.910$ is the 20% darker color. If you saturate the color by 10%, you get $54, 42.250, 146.625$, and if you desaturate by 10%, it is $56, 25.578, 148.724$.

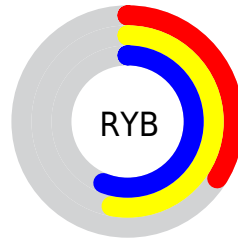
Distribution



Red (34%)

Green (56%)

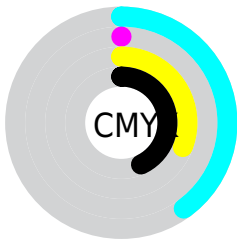
Blue (39%)



Red (34%)

Yellow (53%)

Blue (56%)

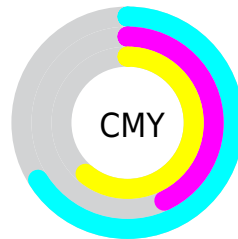


Cyan (40%)

Magenta (0%)

Yellow (31%)

Black (43%)



Cyan (66%)


Magenta (43%)


Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 34.071, 147.747 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, 34.071, 147.747 by changing the saturation by 10% instead.


 55, 34.071,
147.747

 55, 34.071,
147.747


 100, 34.071,
147.747

 45, 34.071,
147.747


 75, 34.071,
147.747

 35, 34.071,
147.747

 85, 34.071,
147.747

 25, 34.071,
147.747

 95, 34.071,
147.747

 15, 34.071,
147.747

 5, 34.071, 147.747

 0, 34.071, 147.747

■ 55, 34.071,
147.747

■ 55, 34.071,
147.747

■ 54, 42.250,
146.625

■ 56, 25.578,
148.724

■ 53, 49.940,
145.347

■ 57, 16.922,
149.573

■ 53, 56.962,
143.916

■ 58, 8.230, 150.318

■ 52, 63.141,
142.355

■ 60, 0.395, 330.302

■ 61, 8.879, 331.447

■ 52, 68.321,
140.720

■ 63, 17.170,
331.944

■ 52, 72.488,
139.199

■ 65, 25.233,
332.375

■ 52, 72.660,
139.142

■ 67, 33.049,
332.755

■ 69, 40.610,
333.094

Harmonies

Complementary

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



55, 34.071, 147.747



45, 34.201, 333.437

Rectangle

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



55, 34.071, 147.747



55, 34.071, 197.747



55, 34.071, 327.747



55, 34.071, 17.747

Sweetspot

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



55, 34.072, 147.747



73, 12.764, 150.125



58, 32.001, 115.376



39, 8.538, 150.042



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, 34.072, 147.747



69, 49.474, 146.813



56, 23.107, 172.025



30, 4.829, 150.345



49, 69.154, 139.250



2, 3.251, 150.899

Inverse Universe

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



45, 34.201, 333.437



54, 49.505, 334.030



44, 25.926, 0.551



28, 4.845, 331.423



30, 61.510, 338.470



1, 3.251, 330.893

Previews

White Background



This preview shows how the CIELCh color 55, 34.071, 147.747 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, 34.071, 147.747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

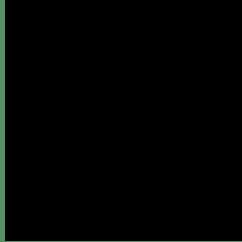
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 34.071, 147.747

Background



This preview shows how black text looks on a background with the CIELCh color 55, 34.071, 147.747.



This preview shows how white text looks on a background with the CIELCh color 55, 34.071, 147.747.

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, 34.071, 147.747

Protanopia
55, 22.066, 95.998

Deuteranopia
55, 17.818, 67.230



Tritanopia
55, 15.031, 223.259

Trichromacy



Original Color
55, 34.071, 147.747

Protanomaly
55, 24.086, 122.714

Deuteranomaly
54, 17.731, 113.501

Tritanomaly
55, 17.729, 180.623

Monochromacy



Original Color
55, 34.071, 147.747

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, 34.071, 147.747 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(87, 144, 99)` looks like.

```
.text, #text, p{  
    color:rgb(87, 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(87, 144, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 144, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 34.071, 147.747 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(87, 144, 99) }
```

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

```
.border{ border-color:rgb(87, 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(87, 144, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 144, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 144, 99);  
box-shadow:4px 4px 4px 4px rgb(87, 144,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 34.071, 147.747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 144, 99) }
```

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

```
.background{ background-color: rgb(87, 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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