

Converting Colors

CIELCh(55, 21.564, 121.254)

Have a look what the booklet for
CIELCh(55, 21.564, 121.254)
contains.

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Color

CIELCh(55, 21.591, 121.244)

Conversions

Conversions Part 1

Format	Color
Hex	7C8863
RGB	124, 136, 99
RGB Percent	49%, 53%, 39%
CMY	0.5123, 0.4652, 0.6104
CMYK	0.09, 0.00, 0.27, 0.47
HSL	79°, 16%, 46%
HSV	79°, 27%, 53%
XYZ	19.4880, 22.9298, 15.2896
YIQ	128.1940, 4.7250, -14.0510

Conversions

Conversions Part 2

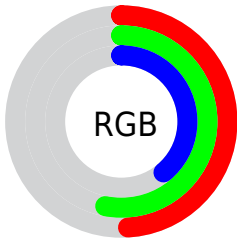
Format	Color
R_{YB}	99, 136, 111
Decimal	8161379
CIE _{Lab}	55.00, -11.20, 18.46
CIE _{LCh}	55, 21.591, 121.244
Yxy	22.9298, 0.3377, 0.3973
Android (android.graphics.Color)	4286351459 (0xFF7C8863)
YUV	128.1940, -14.3926, -3.6781
Hunter-Lab	47.8851, -11.1539, 14.5884

Details

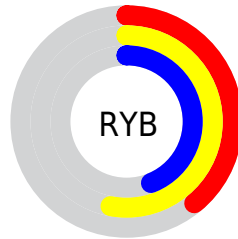
The CIELCh color $55, 21.591, 121.244$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $44, 22.703, 304.377$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 21.404, 120.924$, and $35, 21.382, 120.656$ is the 20% darker color. If you saturate the color by 10%, you get $54, 29.374, 120.706$, and if you desaturate by 10%, it is $56, 13.678, 121.798$.

Distribution



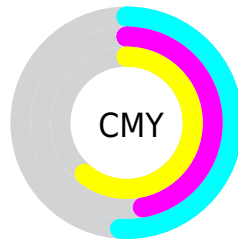
- Red (49%)
- Green (53%)
- Blue (39%)



- Red (39%)
- Yellow (53%)
- Blue (44%)



- Cyan (9%)
- Magenta (0%)
- Yellow (27%)
- Black (47%)





- Cyan (51%)
- Magenta (47%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 21.591, 121.244 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, 21.591, 121.244 by changing the saturation by 10% instead.


 55, 21.591,
121.244


 55, 21.591,
121.244


 100, 21.591,
121.244


 45, 21.591,
121.244


 75, 21.591,
121.244

 35, 21.591,
121.244

 85, 21.591,
121.244

 25, 21.591,
121.244

 95, 21.591,
121.244

 15, 21.591,
121.244

 5, 21.591, 121.244

 0, 21.591, 121.244

■ 55, 21.591,
121.244

■ 55, 21.591,
121.244

■ 54, 29.374,
120.706

■ 56, 13.678,
121.798

■ 54, 36.918,
120.205

■ 56, 5.702, 122.344

■ 53, 44.069,
119.789

■ 57, 2.284, 302.839

■ 53, 50.606,
119.521

■ 58, 10.246,
303.349

■ 53, 56.233,
119.491

■ 59, 18.158,
303.815

■ 52, 60.615,
119.801

■ 60, 26.000,
304.247

■ 52, 63.678,
120.476

■ 60, 33.759,
304.647

■ 52, 64.512,

■ 61, 41.425,
305.015

120.662

■ 62, 48.990,
305.353

Harmonies

Complementary

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



55, 21.591, 121.244



44, 22.703, 304.377

Rectangle

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



55, 21.591, 121.244



55, 21.591, 171.244



55, 21.591, 301.244



55, 21.591, 351.244

Sweetspot

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



55, 21.592, 121.246



72, 7.953, 122.288



49, 13.071, 51.821



37, 5.631, 122.215



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



55, 21.592, 121.246



70, 32.588, 120.887



54, 24.579, 137.929



29, 4.539, 122.235



50, 63.200, 120.622



1, 2.113, 122.711

Inverse Universe

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



44, 22.703, 304.377



54, 34.744, 304.863



46, 24.849, 320.482



27, 4.618, 303.209



16, 79.303, 308.922



0, 2.113, 302.710

Previews

White Background



This preview shows how the CIELCh color 55, 21.591, 121.244 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, 21.591, 121.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

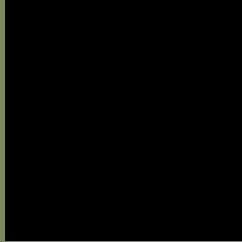
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 21.591, 121.244

Background



This preview shows how black text looks on a background with the CIELCh color 55, 21.591, 121.244.



This preview shows how white text looks on a background with the CIELCh color 55, 21.591, 121.244.

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, 21.591, 121.244

Protanopia

55, 19.862, 95.093

Deuteranopia

55, 19.027, 68.274



Tritanopia
55, 5.756, 287.073

Trichromacy



Original Color
55, 21.591, 121.244

Protanomaly
55, 19.895, 105.239

Deuteranomaly
55, 18.062, 89.834

Tritanomaly
55, 4.495, 136.001

Monochromacy



Original Color
55, 21.591, 121.244

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 8.288, 123.404

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 21.591, 121.244 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(124, 136, 99)` looks like.

```
.text, #text, p{  
    color:rgb(124, 136, 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(124, 136, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 136, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 21.591, 121.244 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(124, 136, 99) }
```

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

```
.border{ border-color:rgb(124, 136, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 136, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 136, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 136, 99);  
box-shadow:4px 4px 4px 4px rgb(124, 136,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 21.591, 121.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 136, 99) }
```

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

```
.background{ background-color: rgb(124,  
136, 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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