

Converting Colors

CIELCh(55, 10.610, 139.263)

Have a look what the booklet for
CIELCh(55, 10.610, 139.263)
contains.

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Color

CIELCh(55, 10.591, 138.656)

Conversions

Conversions Part 1

Format	Color
Hex	7A8777
RGB	122, 135, 119
RGB Percent	48%, 53%, 47%
CMY	0.5202, 0.4692, 0.5320
CMYK	0.10, 0.00, 0.12, 0.47
HSL	109°, 6%, 50%
HSV	109°, 12%, 53%
XYZ	20.1391, 22.9298, 20.9260
YIQ	129.2890, -2.6120, -7.7320

Conversions

Conversions Part 2

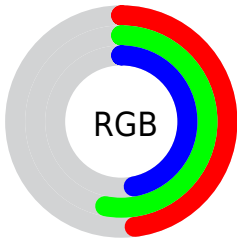
Format	Color
R_{YB}	119, 135, 132
Decimal	8030071
CIE Lab	55.00, -7.95, 7.00
CIE LCh	55, 10.591, 138.656
Yxy	22.9298, 0.3147, 0.3583
Android (android.graphics.Color)	4286220151 (0xFF7A8777)
YUV	129.2890, -5.0725, -6.3925
Hunter-Lab	47.8851, -8.7268, 7.6096

Details

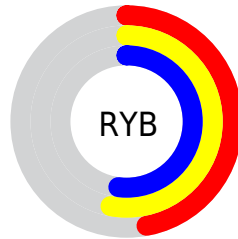
The CIELCh color $55, 10.591, 138.656$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $52, 10.654, 319.679$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 10.609, 139.107$, and $35, 10.214, 139.732$ is the 20% darker color. If you saturate the color by 10%, you get $54, 19.612, 138.122$, and if you desaturate by 10%, it is $56, 1.622, 139.204$.

Distribution



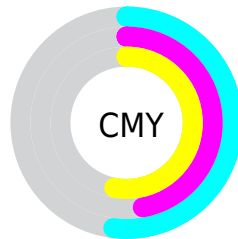
- Red (48%)
- Green (53%)
- Blue (47%)



- Red (47%)
- Yellow (53%)
- Blue (52%)



- Cyan (10%)
- Magenta (0%)
- Yellow (12%)
- Black (47%)





- Cyan (52%)
- Magenta (47%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 10.591, 138.656 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, 10.591, 138.656 by changing the saturation by 10% instead.


 55, 10.591,
138.656


 55, 10.591,
138.656


 100, 10.591,
138.656


 45, 10.591,
138.656


 75, 10.591,
138.656

 35, 10.591,
138.656

 85, 10.591,
138.656

 25, 10.591,
138.656

 95, 10.591,
138.656

 15, 10.591,
138.656

 5, 10.591, 138.656

 0, 10.591, 138.656

■ 55, 10.591,
138.656

■ 55, 10.591,
138.656

■ 54, 19.612,
138.122

■ 56, 1.622, 139.204

■ 53, 28.586,
137.529

■ 58, 7.231, 319.487

■ 52, 37.387,
136.882

■ 59, 15.922,
319.847

■ 51, 45.844,
136.205

■ 60, 24.418,
320.149

■ 51, 53.727,
135.544

■ 62, 32.702,
320.406

■ 50, 60.743,
134.976

■ 64, 40.764,
320.626

■ 50, 66.536,
134.608

■ 65, 48.600,
320.812

■ 49, 70.763,

■ 67, 56.214,
320.971

134.557

■ 69, 63.612,
321.106

■ 49, 73.362,
134.557

Harmonies

Complementary

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



55, 10.591, 138.656



52, 10.654, 319.679

Rectangle

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



55, 10.591, 138.656



55, 10.591, 188.656



55, 10.591, 318.656



55, 10.591, 8.656

Sweetspot

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



55, 10.593, 138.657



71, 4.414, 139.050



55, 7.430, 99.091



37, 3.164, 139.014



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, 10.593, 138.657



70, 15.550, 138.530



55, 9.080, 153.500



29, 5.117, 138.791



48, 72.259, 134.538



1, 2.369, 139.185

Inverse Universe

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



52, 10.654, 319.679



65, 15.653, 319.789



52, 9.131, 335.042



27, 5.144, 319.559



26, 72.290, 321.326



0, 2.369, 319.181

Previews

White Background



This preview shows how the CIELCh color 55, 10.591, 138.656 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, 10.591, 138.656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

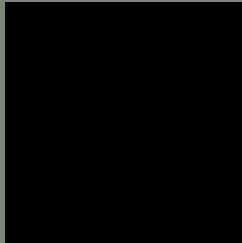
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

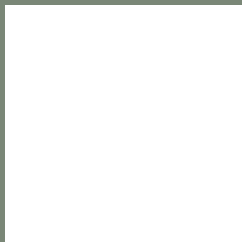
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 10.591, 138.656

Background



This preview shows how black text looks on a background with the CIELCh color 55, 10.591, 138.656.



This preview shows how white text looks on a background with the CIELCh color 55, 10.591, 138.656.

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, 10.591, 138.656

Protanopia

55, 8.378, 91.946

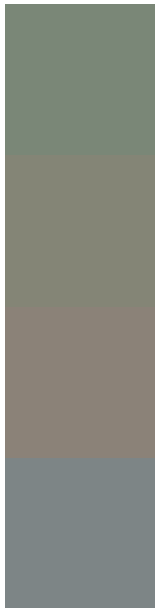
Deuteranopia

55, 9.379, 41.582



Tritanopia
55, 6.134, 269.150

Trichromacy



Original Color
55, 10.591, 138.656

Protanomaly
55, 8.579, 111.866

Deuteranomaly
55, 6.814, 76.526

Tritanomaly
55, 3.142, 209.776

Monochromacy



Original Color
55, 10.591, 138.656

Achromatopsia
54, 0.007, 296.813

Achromatomaly
55, 3.993, 139.637

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 10.591, 138.656 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(122, 135, 119)` looks like.

```
.text, #text, p{  
    color:rgb(122, 135, 119)  
}
```

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(122, 135, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 135, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 10.591, 138.656 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(122, 135, 119) }
```

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

```
.border{ border-color:rgb(122, 135, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 135, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 135, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 135, 119);  
box-shadow:4px 4px 4px 4px rgb(122, 135,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 10.591, 138.656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 135, 119) }
```

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

```
.background{ background-color: rgb(122,  
135, 119) }
```

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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