

Converting Colors

CIELCh(55, 26.349, 154.722)

Have a look what the booklet for
CIELCh(55, 26.349, 154.722)
contains.

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Color

CIELCh(55, 26.379, 154.698)

Conversions

Conversions Part 1

Format	Color
Hex	5C8E6F
RGB	92, 142, 111
RGB Percent	36%, 56%, 44%
CMY	0.6376, 0.4414, 0.5631
CMYK	0.35, 0.00, 0.22, 0.44
HSL	143°, 21%, 46%
HSV	143°, 35%, 56%
XYZ	17.0858, 22.9298, 18.6843
YIQ	123.5160, -19.8490, -20.2410

Conversions

Conversions Part 2

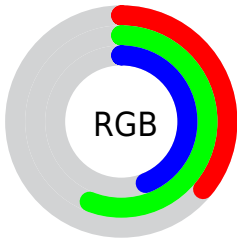
Format	Color
R_{YB}	92, 128, 142
Decimal	6065775
CIE _{Lab}	55.00, -23.85, 11.27
CIE _{LCh}	55, 26.379, 154.698
Yxy	22.9298, 0.2911, 0.3906
Android (android.graphics.Color)	4284255855 (0xFF5C8E6F)
YUV	123.5160, -6.1704, -27.6395
Hunter-Lab	47.8851, -20.1087, 10.3852

Details

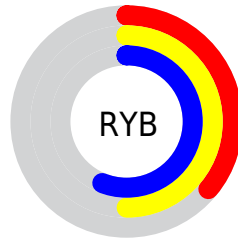
The CIELCh color $55, 26.379, 154.698$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $46, 26.922, 340.485$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 26.251, 154.877$, and $35, 26.163, 154.538$ is the 20% darker color. If you saturate the color by 10%, you get $54, 33.573, 153.560$, and if you desaturate by 10%, it is $56, 18.954, 155.698$.

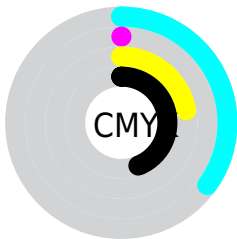
Distribution



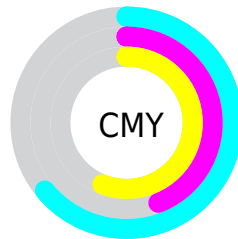
- Red (36%)
- Green (56%)
- Blue (44%)



- Red (36%)
- Yellow (50%)
- Blue (56%)



- Cyan (35%)
- Magenta (0%)
- Yellow (22%)
- Black (44%)




- Cyan (64%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 26.379, 154.698 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, 26.379, 154.698 by changing the saturation by 10% instead.

 55, 26.379,
154.698

 55, 26.379,
154.698

 100, 26.379,
154.698


 45, 26.379,
154.698


 75, 26.379,
154.698

 35, 26.379,
154.698

 85, 26.379,
154.698

 25, 26.379,
154.698

 95, 26.379,
154.698

 15, 26.379,
154.698

 5, 26.379, 154.698

 0, 26.379, 154.698

■ 55, 26.379,
154.698

■ 55, 26.379,
154.698

■ 54, 33.573,
153.560

■ 56, 18.954,
155.698

■ 53, 40.407,
152.263

■ 57, 11.410,
156.585

■ 53, 46.755,
150.788

■ 58, 3.846, 157.410

■ 52, 52.504,
149.123

■ 60, 3.660, 337.952

■ 52, 57.573,
147.273

■ 61, 11.049,
338.626

■ 52, 61.939,
145.276

■ 63, 18.278,
339.199

■ 52, 63.925,
144.359

■ 65, 25.319,
339.716

■ 67, 32.155,
340.188

■ 68, 38.780,
340.623

Harmonies

Complementary

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



55, 26.379, 154.698



46, 26.922, 340.485

Rectangle

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



55, 26.379, 154.698



55, 26.379, 204.698



55, 26.379, 334.698



55, 26.379, 24.698

Sweetspot

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



55, 26.380, 154.697



74, 10.319, 156.906



57, 29.059, 122.483



39, 6.991, 156.808



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, 26.380, 154.697



70, 38.981, 153.825



56, 18.434, 185.585



30, 4.263, 157.073



49, 61.376, 144.473



2, 2.875, 157.706

Inverse Universe

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



46, 26.922, 340.485



56, 39.856, 341.236



45, 21.947, 12.282



28, 4.294, 338.319



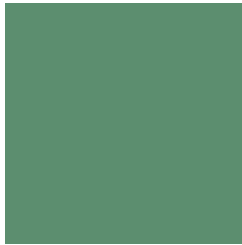
29, 55.306, 350.378



1, 2.876, 337.698

Previews

White Background



This preview shows how the CIE LCh color 55, 26.379, 154.698 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, 26.379, 154.698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

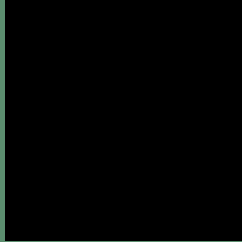
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 26.379, 154.698

Background



This preview shows how black text looks on a background with the CIELCh color 55, 26.379, 154.698.



This preview shows how white text looks on a background with the CIELCh color 55, 26.379, 154.698.

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, 26.379, 154.698

Protanopia
55, 14.681, 94.974

Deuteranopia
55, 11.990, 51.757



Tritanopia
55, 14.199, 224.934

Trichromacy



Original Color
55, 26.379, 154.698

Protanomaly
55, 16.337, 127.533

Deuteranomaly
54, 10.376, 115.760

Tritanomaly
55, 15.511, 189.313

Monochromacy



Original Color
55, 26.379, 154.698

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 10.024, 154.710

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 26.379, 154.698 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(92, 142, 111)` looks like.

```
.text, #text, p{  
    color:rgb(92, 142, 111)  
}
```

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(92, 142, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 142, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 26.379, 154.698 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(92, 142, 111) }
```

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

```
.border{ border-color:rgb(92, 142, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 142, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 142, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 142, 111);  
box-shadow:4px 4px 4px 4px rgb(92, 142,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 26.379, 154.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 142, 111) }
```

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

```
.background{ background-color: rgb(92, 142,  
111) }
```

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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