

Converting Colors

CIELCh(55, 30.599, 181.466)

Have a look what the booklet for
CIELCh(55, 30.599, 181.466)
contains.

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Color

CIELCh(55, 30.697, 181.227)

Conversions

Conversions Part 1

Format	Color
Hex	359284
RGB	53, 146, 132
RGB Percent	21%, 57%, 52%
CMY	0.7928, 0.4280, 0.4829
CMYK	0.64, 0.00, 0.10, 0.43
HSL	171°, 47%, 39%
HSV	171°, 64%, 57%
XYZ	15.8730, 22.9298, 25.3711
YIQ	116.5970, -50.9340, -24.0700

Conversions

Conversions Part 2

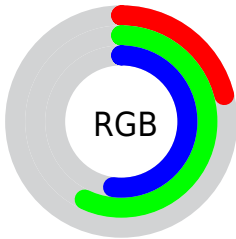
Format	Color
R _Y B	53, 103, 146
Decimal	3510916
CIE Lab	55.00, -30.69, -0.66
CIE LCh	55, 30.697, 181.227
Yxy	22.9298, 0.2473, 0.3573
Android (android.graphics.Color)	4281700996 (0xFF359284)
YUV	116.5970, 7.5937, -55.7746
Hunter-Lab	47.8851, -24.6298, 2.1059

Details

The CIELCh color **55, 30.697, 181.227** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **36, 42.236, 17.136**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 30.364, 181.558**, and **36, 27.295, 179.964** is the 20% darker color. If you saturate the color by 10%, you get **55, 33.626, 180.061**, and if you desaturate by 10%, it is **56, 27.129, 182.297**.

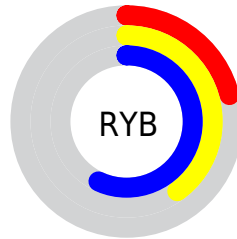
Distribution



Red (21%)

Green (57%)

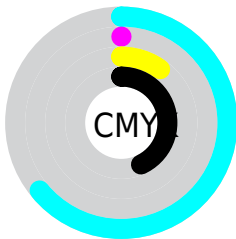
Blue (52%)



Red (21%)

Yellow (40%)

Blue (57%)

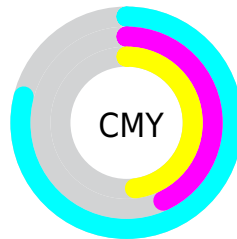


Cyan (64%)

Magenta (0%)

Yellow (10%)

Black (43%)



Cyan (79%)


Magenta (43%)


Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 30.697, 181.227 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, 30.697, 181.227 by changing the saturation by 10% instead.


 55, 30.697,
181.227


 55, 30.697,
181.227


 100, 30.697,
181.227


 45, 30.697,
181.227


 75, 30.697,
181.227

 35, 30.697,
181.227

 85, 30.697,
181.227

 25, 30.697,
181.227

 95, 30.697,
181.227

 15, 30.697,
181.227

 5, 30.697, 181.227

 0, 30.697, 181.227

■ 55, 30.697,
181.227

■ 55, 30.697,
181.227

■ 55, 33.626,
180.061

■ 56, 27.129,
182.297

■ 54, 35.895,
178.784

■ 56, 22.974,
183.296

■ 54, 37.533,
177.378

■ 57, 18.312,
184.238

■ 54, 38.401,
176.489

■ 58, 13.230,
185.139

■ 59, 7.822, 186.018

■ 60, 2.174, 186.983

■ 61, 3.635, 7.482

■ 63, 9.539, 8.334

■ 64, 15.483, 9.114

Harmonies

Complementary

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



55, 30.697, 181.227



36, 42.236, 17.136

Rectangle

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



55, 30.697, 181.227



55, 30.697, 231.227



55, 30.697, 1.227



55, 30.697, 51.227

Sweetspot

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



55, 30.697, 181.226



74, 13.170, 185.526



54, 58.922, 135.859



38, 8.986, 185.300



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, 30.697, 181.226



69, 42.071, 179.465



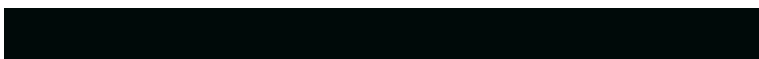
46, 24.934, 246.337



31, 3.269, 186.424



51, 36.790, 176.577



2, 2.903, 187.112

Inverse Universe

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



36, 42.236, 17.136



43, 62.317, 22.264



42, 36.855, 51.823



29, 3.404, 7.827



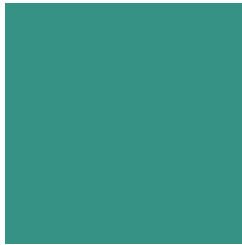
28, 59.932, 31.582



1, 2.903, 7.097

Previews

White Background



This preview shows how the CIELCh color 55, 30.697, 181.227 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, 30.697, 181.227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

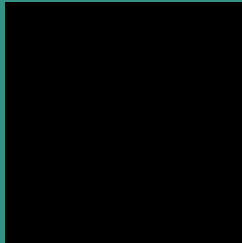
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 30.697, 181.227

Background



This preview shows how black text looks on a background with the CIELCh color 55, 30.697, 181.227.

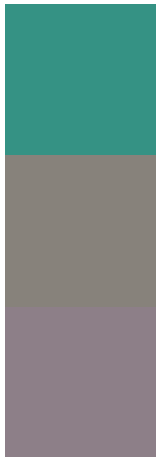


This preview shows how white text looks on a background with the CIELCh color 55, 30.697, 181.227.

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, 30.697, 181.227

Protanopia
55, 4.484, 82.739

Deuteranopia
55, 7.599, 337.352



Tritanopia
55, 24.757, 212.217

Trichromacy



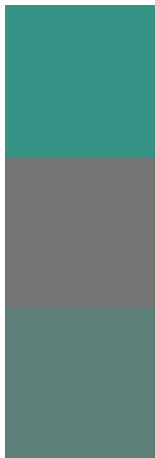
Original Color
55, 30.697, 181.227

Protanomaly
54, 13.277, 172.320

Deuteranomaly
54, 9.385, 198.498

Tritanomaly
55, 26.116, 199.544

Monochromacy



Original Color
55, 30.697, 181.227

Achromatopsia
49, 0.007, 296.813

Achromatomaly
51, 13.196, 185.186

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 30.697, 181.227 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(53, 146, 132)` looks like.

```
.text, #text, p{  
    color:rgb(53, 146, 132)  
}
```

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(53, 146, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 146, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 30.697, 181.227 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(53, 146, 132) }
```

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

```
.border{ border-color:rgb(53, 146, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 146, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 146, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 146, 132);  
box-shadow:4px 4px 4px 4px rgb(53, 146,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 30.697, 181.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 146, 132) }
```

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

```
.background{ background-color: rgb(53, 146,  
132) }
```

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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