

Converting Colors

CIELCh(55, 26.219, 194.987)

Have a look what the booklet for
CIELCh(55, 26.219, 194.987)
contains.

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Color

CIELCh(55, 26.057, 195.694)

Conversions

Conversions Part 1

Format	Color
Hex	3D908F
RGB	61, 144, 143
RGB Percent	24%, 56%, 56%
CMY	0.7607, 0.4352, 0.4391
CMYK	0.58, 0.00, 0.01, 0.44
HSL	179°, 40%, 40%
HSV	179°, 58%, 56%
XYZ	16.8620, 22.9298, 29.5324
YIQ	119.0690, -49.1470, -17.9070

Conversions

Conversions Part 2

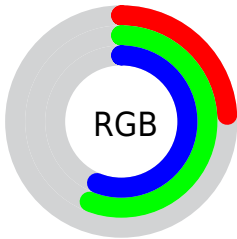
Format	Color
R _Y B	61, 103, 144
Decimal	4034703
CIE Lab	55.00, -25.09, -7.05
CIE LCh	55, 26.057, 195.694
Yxy	22.9298, 0.2432, 0.3308
Android (android.graphics.Color)	4282224783 (0xFF3D908F)
YUV	119.0690, 11.7980, -50.9265
Hunter-Lab	47.8851, -20.9428, -3.0466

Details

The CIELCh color **55, 26.057, 195.694** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **37, 39.098, 25.642**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 26.003, 196.275**, and **35, 23.973, 196.386** is the 20% darker color. If you saturate the color by 10%, you get **55, 28.735, 195.366**, and if you desaturate by 10%, it is **56, 22.727, 196.067**.

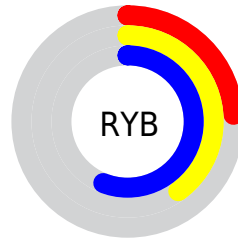
Distribution



Red (24%)

Green (56%)

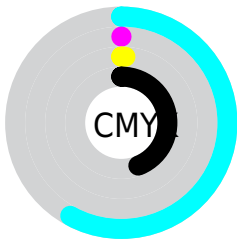
Blue (56%)



Red (24%)

Yellow (40%)

Blue (56%)

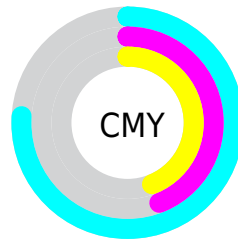


Cyan (58%)

Magenta (0%)

Yellow (1%)

Black (44%)



Cyan (76%)


Magenta (44%)

Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 26.057, 195.694 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, 26.057, 195.694 by changing the saturation by 10% instead.


 55, 26.057,
195.694


 55, 26.057,
195.694


 100, 26.057,
195.694


 45, 26.057,
195.694


 75, 26.057,
195.694

 35, 26.057,
195.694

 85, 26.057,
195.694

 25, 26.057,
195.694

 95, 26.057,
195.694

 15, 26.057,
195.694

 5, 26.057, 195.694

 0, 26.057, 195.694

■ 55, 26.057,
195.694

■ 55, 26.057,
195.694

■ 55, 28.735,
195.366

■ 56, 22.727,
196.067

■ 54, 30.737,
195.085

■ 56, 18.798,
196.489

■ 54, 32.075,
194.845

■ 57, 14.344,
196.959

■ 54, 32.865,
194.635

■ 58, 9.447, 197.478

■ 54, 33.034,
194.587

■ 59, 4.194, 198.073

■ 60, 1.333, 18.213

■ 61, 7.061, 19.066

■ 63, 12.926, 19.699

■ 64, 18.874, 20.327

Harmonies

Complementary

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



55, 26.057, 195.694



37, 39.098, 25.642

Rectangle

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



55, 26.057, 195.694



55, 26.057, 245.694



55, 26.057, 15.694



55, 26.057, 65.694

Sweetspot

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



55, 26.057, 195.692



73, 11.241, 197.493



53, 55.640, 139.382



39, 7.540, 197.398



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, 26.057, 195.692



69, 35.471, 195.283



43, 26.651, 264.802



30, 3.072, 197.971



51, 31.540, 194.597



2, 2.122, 198.417

Inverse Universe

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



37, 39.098, 25.642



44, 58.934, 29.173



46, 31.970, 66.747



28, 3.245, 18.910



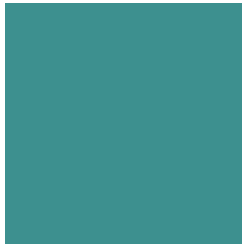
27, 63.744, 38.324



0, 2.122, 18.400

Previews

White Background



This preview shows how the CIELCh color 55, 26.057, 195.694 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, 26.057, 195.694 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, 26.057, 195.694

Background



This preview shows how black text looks on a background with the CIELCh color 55, 26.057, 195.694.

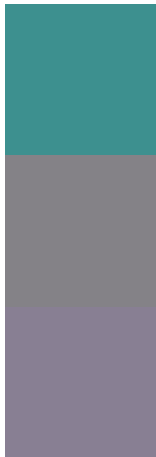


This preview shows how white text looks on a background with the CIELCh color 55, 26.057, 195.694.

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, 26.057, 195.694

Protanopia

55, 2.996, 305.655

Deuteranopia

55, 12.071, 307.935



Tritanopia
55, 24.175, 214.101

Trichromacy



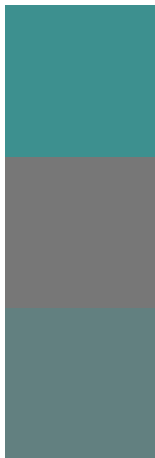
Original Color
55, 26.057, 195.694

Protanomaly
54, 10.757, 207.699

Deuteranomaly
54, 11.246, 240.764

Tritanomaly
55, 24.557, 206.729

Monochromacy



Original Color
55, 26.057, 195.694

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 11.192, 198.272

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 26.057, 195.694 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(61, 144, 143)` looks like.

```
.text, #text, p{  
    color:rgb(61, 144, 143)  
}
```

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(61, 144, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 144, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 26.057, 195.694 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(61, 144, 143) }
```

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

```
.border{ border-color:rgb(61, 144, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 144, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 144, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 144, 143);  
box-shadow:4px 4px 4px 4px rgb(61, 144,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 26.057, 195.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 144, 143) }
```

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

```
.background{ background-color: rgb(61, 144,  
143) }
```

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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