

Converting Colors

CIE LCh(55, 26.106, 202.122)

Have a look what the booklet for
CIELCh(55, 26.106, 202.122)
contains.

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Color

CIELCh(55, 26.136, 202.118)

Conversions

Conversions Part 1

Format	Color
Hex	3A9094
RGB	58, 144, 148
RGB Percent	23%, 56%, 58%
CMY	0.7732, 0.4359, 0.4202
CMYK	0.61, 0.03, 0.00, 0.42
HSL	183°, 44%, 40%
HSV	183°, 61%, 58%
XYZ	17.0197, 22.9298, 31.4848
YIQ	118.7420, -52.5400, -16.9880

Conversions

Conversions Part 2

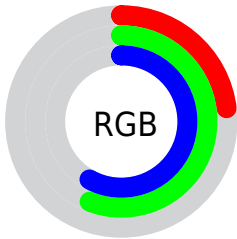
Format	Color
RYB	58, 102, 148
Decimal	3838100
CIELab	55.00, -24.21, -9.84
CIElCh	55, 26.136, 202.118
Yxy	22.9298, 0.2383, 0.3210
Android (android.graphics.Color)	4282028180 (0xFF3A9094)
YUV	118.7420, 14.4242, -53.2707
Hunter-Lab	47.8851, -20.3550, -5.4640

Details

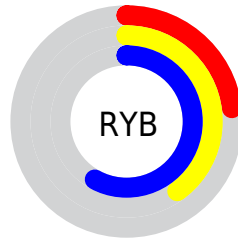
The CIELCh color **55, 26.136, 202.118** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **38, 41.434, 29.790**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 26.147, 202.288**, and **35, 23.418, 202.709** is the 20% darker color. If you saturate the color by 10%, you get **54, 28.435, 202.284**, and if you desaturate by 10%, it is **56, 23.165, 202.076**.

Distribution



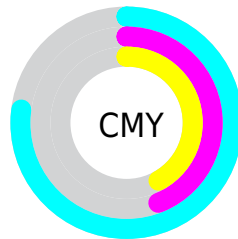
- Red (23%)
- Green (56%)
- Blue (58%)



- Red (23%)
- Yellow (40%)
- Blue (58%)



- Cyan (61%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)





- Cyan (77%)
- Magenta (44%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 26.136, 202.118 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, 26.136, 202.118 by changing the saturation by 10% instead.


 55, 26.136,
202.118


 55, 26.136,
202.118


 100, 26.136,
202.118


 45, 26.136,
202.118


 75, 26.136,
202.118

 35, 26.136,
202.118

 85, 26.136,
202.118

 25, 26.136,
202.118

 95, 26.136,
202.118

 15, 26.136,
202.118

 5, 26.136, 202.118

 0, 26.136, 202.118

■ 55, 26.136,
202.118

■ 55, 26.136,
202.118

■ 54, 28.435,
202.284

■ 56, 23.165,
202.076

■ 54, 30.047,
202.592

■ 57, 19.572,
202.150

■ 54, 30.996,
203.050

■ 58, 15.424,
202.324

■ 53, 31.472,
203.561

■ 59, 10.804,
202.587

■ 60, 5.796, 202.942

■ 61, 0.481, 204.164

■ 63, 5.066, 23.573

■ 64, 10.781, 24.073

■ 66, 16.610, 24.565

Harmonies

Complementary

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



55, 26.136, 202.118



38, 41.434, 29.790

Rectangle

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



55, 26.136, 202.118



55, 26.136, 252.118



55, 26.136, 22.118



55, 26.136, 72.118

Sweetspot

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



55, 26.136, 202.116



75, 11.578, 202.667



54, 58.592, 140.110



39, 8.041, 202.582



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



55, 26.136, 202.116



69, 35.178, 202.378



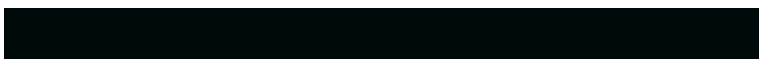
41, 30.733, 271.314



31, 3.022, 203.015



50, 29.893, 203.512



2, 2.706, 203.293

Inverse Universe

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



40, 57.452, 328.801



48, 80.118, 329.331



48, 35.093, 71.139



29, 5.603, 326.128



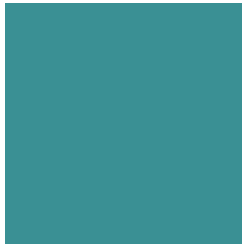
32, 70.645, 330.035



1, 4.873, 325.648

Previews

White Background



This preview shows how the CIELCh color 55, 26.136, 202.118 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, 26.136, 202.118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

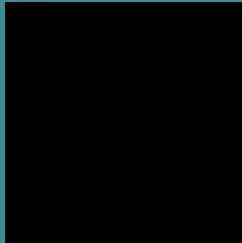
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 26.136, 202.118

Background



This preview shows how black text looks on a background with the CIELCh color 55, 26.136, 202.118.

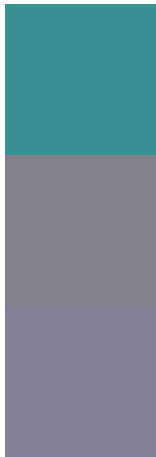


This preview shows how white text looks on a background with the CIELCh color 55, 26.136, 202.118.

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, 26.136, 202.118

Protanopia
55, 5.202, 295.060

Deuteranopia
55, 13.475, 301.304



Tritanopia
55, 25.144, 211.951

Trichromacy



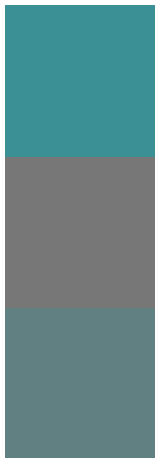
Original Color
55, 26.136, 202.118

Protanomaly
54, 11.770, 218.558

Deuteranomaly
54, 13.254, 243.013

Tritanomaly
55, 25.321, 209.088

Monochromacy



Original Color
55, 26.136, 202.118

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 11.491, 201.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 26.136, 202.118 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(58, 144, 148)` looks like.

```
.text, #text, p{  
    color:rgb(58, 144, 148)  
}
```

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(58, 144, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 144, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 26.136, 202.118 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(58, 144, 148) }
```

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

```
.border{ border-color:rgb(58, 144, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 144, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 144, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 144, 148);  
box-shadow:4px 4px 4px 4px rgb(58, 144,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 26.136, 202.118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 144, 148) }
```

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

```
.background{ background-color: rgb(58, 144,  
148) }
```

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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