

Converting Colors

CIELCh(55, 25.698, 203.745)

Have a look what the booklet for
CIELCh(55, 25.698, 203.745)
contains.

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Color

CIELCh(55, 25.875, 203.500)

Conversions

Conversions Part 1

Format	Color
Hex	3B9095
RGB	59, 144, 149
RGB Percent	23%, 56%, 58%
CMY	0.7700, 0.4365, 0.4169
CMYK	0.61, 0.03, 0.00, 0.42
HSL	183°, 43%, 41%
HSV	183°, 61%, 58%
XYZ	17.1075, 22.9298, 31.8267
YIQ	119.1550, -52.2650, -16.4650

Conversions

Conversions Part 2

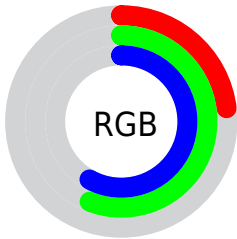
Format	Color
R_{YB}	59, 103, 149
Decimal	3903637
CIE _{Lab}	55.00, -23.73, -10.32
CIE _{LCh}	55, 25.875, 203.500
Y _{xy}	22.9298, 0.2381, 0.3191
Android (android.graphics.Color)	4282093717 (0xFF3B9095)
YUV	119.1550, 14.7136, -52.7559
Hunter-Lab	47.8851, -20.0278, -5.8873

Details

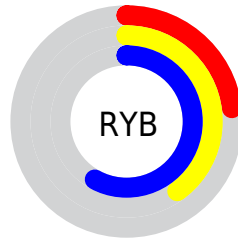
The CIELCh color **55, 25.875, 203.500** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **38, 41.058, 30.387**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 25.856, 203.585**, and **35, 23.320, 204.331** is the 20% darker color. If you saturate the color by 10%, you get **54, 28.171, 203.769**, and if you desaturate by 10%, it is **56, 22.909, 203.374**.

Distribution



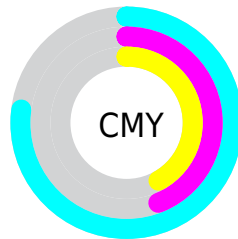
- Red (23%)
- Green (56%)
- Blue (58%)



- 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, 25.875, 203.500 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, 25.875, 203.500 by changing the saturation by 10% instead.


 55, 25.875,
203.500


 55, 25.875,
203.500


 100, 25.875,
203.500


 45, 25.875,
203.500


 75, 25.875,
203.500

 35, 25.875,
203.500

 85, 25.875,
203.500

 25, 25.875,
203.500

 95, 25.875,
203.500

 15, 25.875,
203.500

 5, 25.875, 203.500

 0, 25.875, 203.500

■ 55, 25.875,
203.500

■ 55, 25.875,
203.500

■ 54, 28.171,
203.769

■ 56, 22.909,
203.374

■ 54, 29.779,
204.202

■ 57, 19.322,
203.378

■ 53, 30.722,
204.811

■ 58, 15.187,
203.493

■ 53, 31.193,
205.507

■ 59, 10.583,
203.706

■ 60, 5.595, 204.020

■ 62, 0.304, 205.746

■ 63, 5.217, 24.576

■ 65, 10.906, 25.041

■ 66, 16.707, 25.502

Harmonies

Complementary

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



55, 25.875, 203.500



38, 41.058, 30.387

Rectangle

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



55, 25.875, 203.500



55, 25.875, 253.500



55, 25.875, 23.500



55, 25.875, 73.500

Sweetspot

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



55, 25.875, 203.498



75, 11.578, 203.766



55, 57.988, 140.564



39, 7.955, 203.694



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, 25.875, 203.498



69, 35.132, 203.919



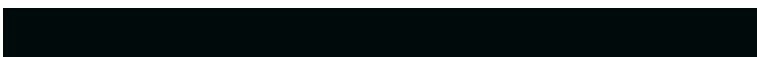
41, 31.459, 272.895



31, 2.990, 204.074



49, 29.509, 205.440



2, 2.678, 204.314

Inverse Universe

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



40, 57.043, 329.150



49, 80.347, 329.725



49, 35.227, 72.757



29, 5.561, 326.444



32, 70.046, 330.513



1, 4.836, 325.962

Previews

White Background



This preview shows how the CIELCh color 55, 25.875, 203.500 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, 25.875, 203.500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

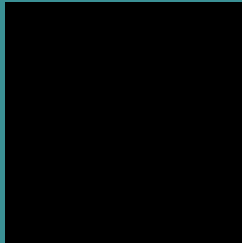
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 25.875, 203.500

Background



This preview shows how black text looks on a background with the CIELCh color 55, 25.875, 203.500.

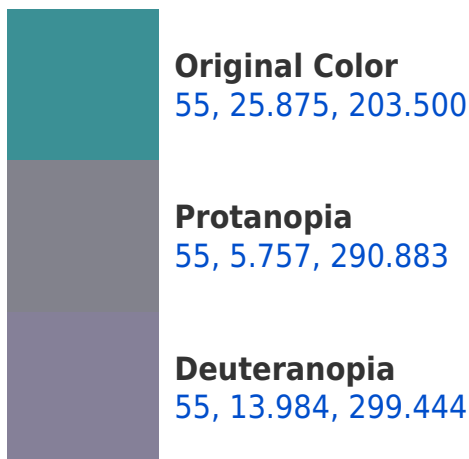


This preview shows how white text looks on a background with the CIELCh color 55, 25.875, 203.500.

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





Tritanopia
55, 25.144, 211.951

Trichromacy



Original Color
55, 25.875, 203.500

Protanomaly
54, 11.923, 221.295

Deuteranomaly
54, 13.616, 244.974

Tritanomaly
55, 25.321, 209.088

Monochromacy



Original Color
55, 25.875, 203.500

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 11.475, 204.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 25.875, 203.500 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(59, 144, 149)` looks like.

```
.text, #text, p{  
    color:rgb(59, 144, 149)  
}
```

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(59, 144, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 144, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 25.875, 203.500 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(59, 144, 149) }
```

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

```
.border{ border-color:rgb(59, 144, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 144, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 144, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 144, 149);  
box-shadow:4px 4px 4px 4px rgb(59, 144,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 25.875, 203.500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 144, 149) }
```

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

```
.background{ background-color: rgb(59, 144,  
149) }
```

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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