

Converting Colors

CIELCh(55, 25.332, 200.378)

Have a look what the booklet for
CIELCh(55, 25.332, 200.378)
contains.

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Color

CIELCh(55, 25.508, 199.659)

Conversions

Conversions Part 1

Format	Color
Hex	3E9092
RGB	62, 144, 146
RGB Percent	24%, 56%, 57%
CMY	0.7582, 0.4365, 0.4287
CMYK	0.58, 0.01, 0.00, 0.43
HSL	181°, 41%, 41%
HSV	181°, 58%, 57%
XYZ	17.0544, 22.9298, 30.5940
YIQ	119.7100, -49.5140, -16.7620

Conversions

Conversions Part 2

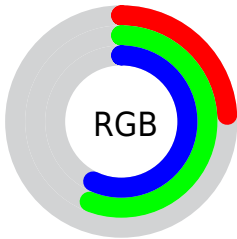
Format	Color
R _{YB}	62, 103, 146
Decimal	4100242
CIE Lab	55.00, -24.02, -8.58
CIE LCh	55, 25.508, 199.659
Yxy	22.9298, 0.2416, 0.3249
Android (android.graphics.Color)	4282290322 (0xFF3E9092)
YUV	119.7100, 12.9610, -50.6117
Hunter-Lab	47.8851, -20.2256, -4.3611




Details

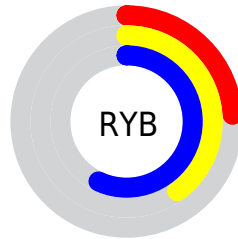
The CIELCh color **55, 25.508, 199.659** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **38, 39.026, 27.874**, and the grayscale version is **50, 0.007, 296.813**.




A 20% lighter version of the original color is **75, 25.498, 199.983**, and **35, 23.533, 201.102** is the 20% darker color. If you saturate the color by 10%, you get **54, 28.072, 199.607**, and if you desaturate by 10%, it is **56, 22.288, 199.801**.

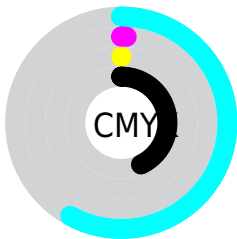
Distribution







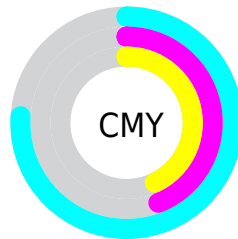
-  Red (24%)
-  Green (56%)
-  Blue (57%)






-  Red (24%)
-  Yellow (40%)
-  Blue (57%)



-  Cyan (58%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (43%)





-  Cyan (76%)
-  Magenta (44%)
-  Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 25.508, 199.659 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, 25.508, 199.659 by changing the saturation by 10% instead.


 55, 25.508,
199.659


 55, 25.508,
199.659


 100, 25.508,
199.659


 45, 25.508,
199.659


 75, 25.508,
199.659

 35, 25.508,
199.659

 85, 25.508,
199.659

 25, 25.508,
199.659

 95, 25.508,
199.659

 15, 25.508,
199.659

 5, 25.508, 199.659

 0, 25.508, 199.659

■ 55, 25.508,
199.659

■ 55, 25.508,
199.659

■ 54, 28.072,
199.607

■ 56, 22.288,
199.801

■ 54, 29.954,
199.655

■ 56, 18.466,
200.031

■ 54, 31.167,
199.807

■ 57, 14.115,
200.338

■ 54, 31.826,
200.049

■ 58, 9.318, 200.717

■ 53, 31.960,
200.108

■ 59, 4.158, 201.193

■ 61, 1.284, 21.207

■ 62, 6.934, 21.980

■ 64, 12.731, 22.529

■ 65, 18.622, 23.079

Harmonies

Complementary

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



55, 25.508, 199.659



38, 39.026, 27.874

Rectangle

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



55, 25.508, 199.659



55, 25.508, 249.659



55, 25.508, 19.659



55, 25.508, 69.659

Sweetspot

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



55, 25.508, 199.657



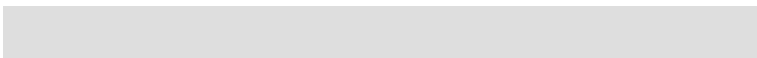
74, 11.074, 200.731



54, 55.866, 140.075



38, 7.345, 200.659



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, 25.508, 199.657



69, 34.675, 199.610



42, 28.151, 268.553



31, 3.084, 201.109



51, 30.680, 200.088



2, 2.761, 201.454

Inverse Universe

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



40, 55.092, 328.012



49, 77.546, 328.492



48, 32.537, 69.983



29, 5.682, 325.553



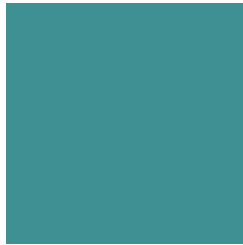
32, 71.770, 329.177



1, 4.943, 325.078

Previews

White Background



This preview shows how the CIE LCh color 55, 25.508, 199.659 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, 25.508, 199.659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

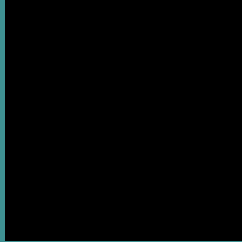
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 25.508, 199.659

Background



This preview shows how black text looks on a background with the CIELCh color 55, 25.508, 199.659.

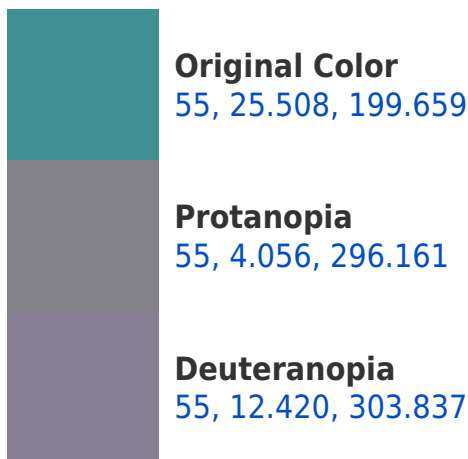


This preview shows how white text looks on a background with the CIELCh color 55, 25.508, 199.659.

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, 24.175, 214.101

Trichromacy



Original Color
55, 25.508, 199.659

Protanomaly
54, 10.893, 213.850

Deuteranomaly
54, 12.076, 240.829

Tritanomaly
55, 24.538, 208.135

Monochromacy



Original Color
55, 25.508, 199.659

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 11.149, 201.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 25.508, 199.659 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(62, 144, 146)` looks like.

```
.text, #text, p{  
    color:rgb(62, 144, 146)  
}
```

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(62, 144, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 144, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 25.508, 199.659 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(62, 144, 146) }
```

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

```
.border{ border-color:rgb(62, 144, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 144, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 144, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 144, 146);  
box-shadow:4px 4px 4px 4px rgb(62, 144,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 25.508, 199.659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 144, 146) }
```

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

```
.background{ background-color: rgb(62, 144,  
146) }
```

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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