

Converting Colors

CIELCh(55, 25.518, 192.039)

Have a look what the booklet for
CIELCh(55, 25.518, 192.039)
contains.

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Color

CIELCh(55, 25.640, 191.796)

Conversions

Conversions Part 1

Format	Color
Hex	41908C
RGB	65, 144, 140
RGB Percent	25%, 56%, 55%
CMY	0.7455, 0.4356, 0.4513
CMYK	0.55, 0.00, 0.03, 0.44
HSL	177°, 38%, 41%
HSV	177°, 55%, 56%
XYZ	16.8597, 22.9298, 28.3131
YIQ	119.9230, -45.8000, -17.9920

Conversions

Conversions Part 2

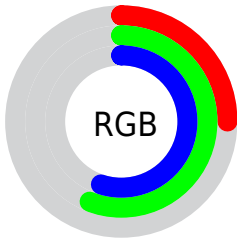
Format	Color
RYB	65, 106, 144
Decimal	4296844
CIELab	55.00, -25.10, -5.24
CIElCh	55, 25.640, 191.796
Yxy	22.9298, 0.2476, 0.3367
Android (android.graphics.Color)	4282486924 (0xFF41908C)
YUV	119.9230, 9.8980, -48.1675
Hunter-Lab	47.8851, -20.9514, -1.5369

Details

The CIELCh color **55, 25.640, 191.796** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **38, 36.525, 22.238**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 25.689, 191.397**, and **35, 24.548, 191.862** is the 20% darker color. If you saturate the color by 10%, you get **55, 28.638, 191.204**, and if you desaturate by 10%, it is **56, 22.015, 192.392**.

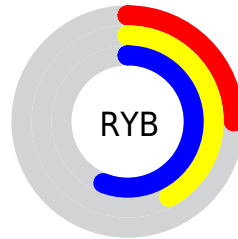
Distribution



 Red (25%)

 Green (56%)

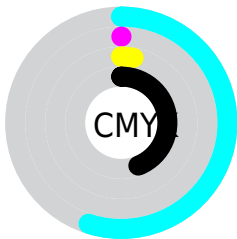
 Blue (55%)




 Red (25%)

 Yellow (42%)

 Blue (56%)

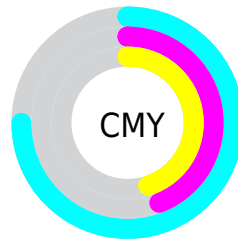


 Cyan (55%)


 Magenta (0%)

 Yellow (3%)

 Black (44%)



 Cyan (75%)


 Magenta (44%)


 Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 25.640, 191.796 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, 25.640, 191.796 by changing the saturation by 10% instead.


 55, 25.640,
191.796


 55, 25.640,
191.796


 100, 25.640,
191.796


 45, 25.640,
191.796


 75, 25.640,
191.796

 35, 25.640,
191.796

 85, 25.640,
191.796

 25, 25.640,
191.796

 95, 25.640,
191.796

 15, 25.640,
191.796

 5, 25.640, 191.796

 0, 25.640, 191.796

■ 55, 25.640,
191.796

■ 55, 25.640,
191.796

■ 55, 28.638,
191.204

■ 56, 22.015,
192.392

■ 54, 30.970,
190.611

■ 56, 17.828,
193.002

■ 54, 32.632,
190.006

■ 57, 13.158,
193.630

■ 54, 33.674,
189.377

■ 58, 8.094, 194.284

■ 54, 34.109,
189.057

■ 59, 2.719, 195.035

■ 60, 2.885, 15.387

■ 62, 8.648, 16.149

■ 63, 14.511, 16.837

■ 65, 20.425, 17.513

Harmonies

Complementary

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



55, 25.640, 191.796



38, 36.525, 22.238

Rectangle

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



55, 25.640, 191.796



55, 25.640, 241.796



55, 25.640, 11.796



55, 25.640, 61.796

Sweetspot

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



55, 25.640, 191.794



73, 10.685, 194.188



54, 52.576, 138.685



39, 7.236, 194.068



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, 25.640, 191.794



69, 35.385, 191.058



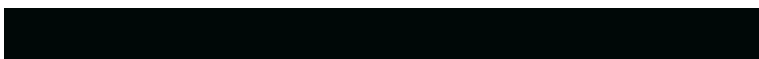
45, 23.979, 257.871



30, 3.088, 194.685



51, 32.579, 189.097



2, 2.129, 195.214

Inverse Universe

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



38, 36.525, 22.238



45, 55.184, 25.575



46, 30.088, 62.090



28, 3.249, 15.785



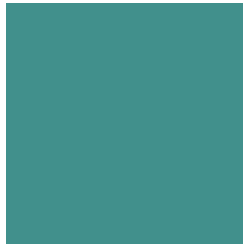
27, 62.536, 36.768



0, 2.129, 15.198

Previews

White Background



This preview shows how the CIELCh color 55, 25.640, 191.796 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, 25.640, 191.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

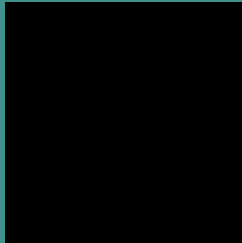
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 25.640, 191.796

Background



This preview shows how black text looks on a background with the CIELCh color 55, 25.640, 191.796.

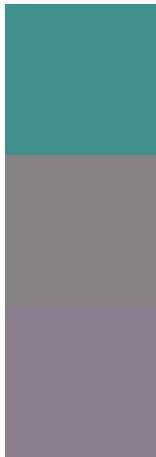


This preview shows how white text looks on a background with the CIELCh color 55, 25.640, 191.796.

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, 25.640, 191.796

Protanopia
55, 1.666, 335.662

Deuteranopia
55, 10.191, 315.777



Tritanopia
55, 23.086, 213.474

Trichromacy



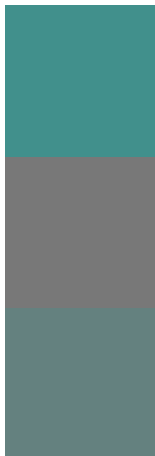
Original Color
55, 25.640, 191.796

Protanomaly
54, 10.081, 198.431

Deuteranomaly
54, 9.460, 232.156

Tritanomaly
55, 23.769, 204.251

Monochromacy



Original Color
55, 25.640, 191.796

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 11.006, 192.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 25.640, 191.796 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(65, 144, 140)` looks like.

```
.text, #text, p{  
    color:rgb(65, 144, 140)  
}
```

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(65, 144, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 144, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 25.640, 191.796 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(65, 144, 140) }
```

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

```
.border{ border-color:rgb(65, 144, 140) }
```

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

Here you see how a box with a 4 pixel rgb(65, 144, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 144, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 144, 140);  
box-shadow:4px 4px 4px 4px rgb(65, 144,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 25.640, 191.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 144, 140) }
```

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

```
.background{ background-color: rgb(65, 144,  
140) }
```

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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