

Converting Colors

CIELCh(55, 42.198, 155.743)

Have a look what the booklet for
CIELCh(55, 42.198, 155.743)
contains.

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Color

CIELCh(55, 42.381, 155.522)

Conversions

Conversions Part 1

Format	Color
Hex	399464
RGB	57, 148, 100
RGB Percent	22%, 58%, 39%
CMY	0.7769, 0.4200, 0.6082
CMYK	0.62, 0.00, 0.32, 0.42
HSL	148°, 44%, 40%
HSV	148°, 62%, 58%
XYZ	14.5485, 22.9298, 15.6898
YIQ	115.3190, -38.8280, -34.2200

Conversions

Conversions Part 2

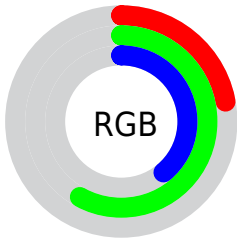
Format	Color
R_{YB}	57, 119, 148
Decimal	3773540
CIE _{Lab}	55.00, -38.57, 17.56
CIE _{LCh}	55, 42.381, 155.522
Yxy	22.9298, 0.2736, 0.4313
Android (android.graphics.Color)	4281963620 (0xFF399464)
YUV	115.3190, -7.5523, -51.1458
Hunter-Lab	47.8851, -29.5670, 14.0929

Details

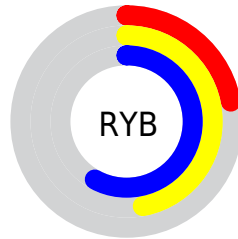
The CIELCh color $55, 42.381, 155.522$ is a dark color, and the websafe version is hex 339966 . A complement of this color would be $38, 44.263, 348.911$, and the grayscale version is $49, 0.006, 296.813$.

A 20% lighter version of the original color is $75, 42.519, 155.384$, and $35, 39.945, 153.516$ is the 20% darker color. If you saturate the color by 10%, you get $54, 47.954, 153.878$, and if you desaturate by 10%, it is $56, 36.252, 156.975$.

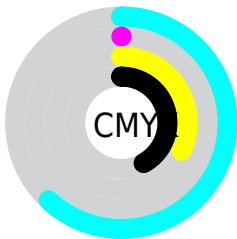
Distribution



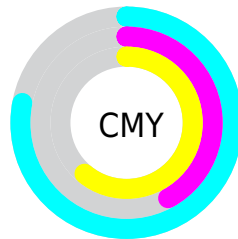
- Red (22%)
- Green (58%)
- Blue (39%)



- Red (22%)
- Yellow (47%)
- Blue (58%)



- Cyan (62%)
- Magenta (0%)
- Yellow (32%)
- Black (42%)





- Cyan (78%)
- Magenta (42%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 42.381, 155.522 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, 42.381, 155.522 by changing the saturation by 10% instead.


 55, 42.381,
155.522


 55, 42.381,
155.522


 100, 42.381,
155.522


 45, 42.381,
155.522


 75, 42.381,
155.522

 35, 42.381,
155.522

 85, 42.381,
155.522

 25, 42.381,
155.522

 95, 42.381,
155.522

 15, 42.381,
155.522

 5, 42.381, 155.522

 0, 42.381, 155.522

■ 55, 42.381,
155.522

■ 55, 42.381,
155.522

■ 54, 47.954,
153.878

■ 56, 36.252,
156.975

■ 54, 52.896,
152.034

■ 56, 29.671,
158.257

■ 54, 57.179,
149.995

■ 57, 22.755,
159.392

■ 54, 60.434,
148.248

■ 59, 15.622,
160.403

■ 60, 8.376, 161.319

■ 61, 1.110, 162.374

■ 63, 6.106, 342.770

■ 64, 13.216,
343.468

■ 66, 20.181,
344.093

Harmonies

Complementary

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



55, 42.381, 155.522



38, 44.263, 348.911

Rectangle

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



55, 42.381, 155.522



55, 42.381, 205.522



55, 42.381, 335.522



55, 42.381, 25.522

Sweetspot

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



55, 42.382, 155.522



75, 16.112, 160.703



57, 52.015, 125.236



39, 11.278, 160.451



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, 42.382, 155.522



69, 60.428, 153.175



56, 28.042, 193.240



31, 4.099, 161.524



50, 57.181, 148.407



2, 3.587, 162.213

Inverse Universe

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



38, 44.263, 348.911



45, 61.981, 351.591



37, 42.641, 25.169



29, 4.144, 342.889



29, 54.050, 358.395



1, 3.587, 342.204

Previews

White Background



This preview shows how the CIELCh color 55, 42.381, 155.522 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, 42.381, 155.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

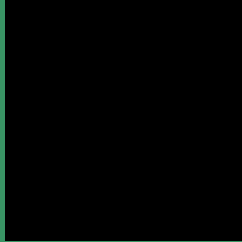
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 42.381, 155.522

Background



This preview shows how black text looks on a background with the CIELCh color 55, 42.381, 155.522.



This preview shows how white text looks on a background with the CIELCh color 55, 42.381, 155.522.

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, 42.381, 155.522

Protanopia
55, 22.615, 96.188

Deuteranopia
55, 16.620, 66.005



Tritanopia
55, 22.026, 215.978

Trichromacy



Original Color
55, 42.381, 155.522



Protanomaly
54, 26.417, 132.530



Deuteranomaly
54, 19.094, 129.744



Tritanomaly
55, 26.131, 184.119

Monochromacy



Original Color
55, 42.381, 155.522



Achromatopsia
48, 0.006, 296.813



Achromatomaly
50, 16.455, 160.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 42.381, 155.522 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(57, 148, 100)` looks like.

```
.text, #text, p{  
    color:rgb(57, 148, 100)  
}
```

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(57, 148, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 148, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 42.381, 155.522 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(57, 148, 100) }
```

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

```
.border{ border-color:rgb(57, 148, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 148, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 148, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 148, 100);  
box-shadow:4px 4px 4px 4px rgb(57, 148,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 42.381, 155.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 148, 100) }
```

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

```
.background{ background-color: rgb(57, 148,  
100) }
```

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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