

Converting Colors

CIELCh(55, 34.836, 258.131)

Have a look what the booklet for
CIELCh(55, 34.836, 258.131)
contains.

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Color

CIELCh(55, 34.839, 258.254)

Conversions

Conversions Part 1

Format	Color
Hex	3C8ABE
RGB	60, 138, 190
RGB Percent	24%, 54%, 75%
CMY	0.7637, 0.4580, 0.2541
CMYK	0.68, 0.27, 0.00, 0.25
HSL	204°, 52%, 49%
HSV	204°, 68%, 75%
XYZ	20.3137, 22.9298, 52.1923
YIQ	120.6060, -63.1800, -0.3640

Conversions

Conversions Part 2

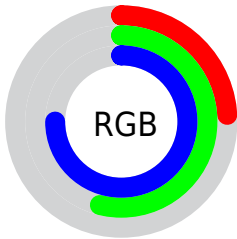
Format	Color
R _Y B	60, 109, 190
Decimal	3967678
CIE Lab	55.00, -7.09, -34.11
CIE LCh	55, 34.839, 258.254
Yxy	22.9298, 0.2129, 0.2403
Android (android.graphics.Color)	4282157758 (0xFF3C8ABE)
YUV	120.6060, 34.2112, -53.1515
Hunter-Lab	47.8851, -8.0760, -31.1035

Details

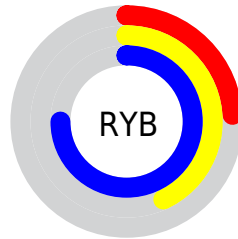
The CIELCh color **55, 34.839, 258.254** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **55, 48.978, 57.524**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 35.137, 258.741**, and **36, 33.127, 263.900** is the 20% darker color. If you saturate the color by 10%, you get **52, 38.890, 262.248**, and if you desaturate by 10%, it is **58, 30.535, 254.854**.

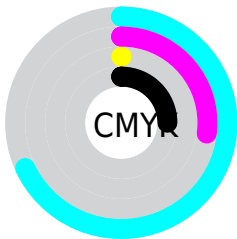
Distribution



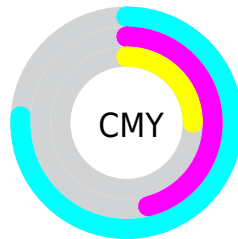
- Red (24%)
- Green (54%)
- Blue (75%)



- Red (24%)
- Yellow (43%)
- Blue (75%)



- Cyan (68%)
- Magenta (27%)
- Yellow (0%)
- Black (25%)





- Cyan (76%)
- Magenta (46%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 34.839, 258.254 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, 34.839, 258.254 by changing the saturation by 10% instead.


 55, 34.839,
258.254


 55, 34.839,
258.254


 100, 34.839,
258.254


 45, 34.839,
258.254


 75, 34.839,
258.254

 35, 34.839,
258.254

 85, 34.839,
258.254

 25, 34.839,
258.254

 95, 34.839,
258.254

 15, 34.839,
258.254

 5, 34.839, 258.254

 0, 34.839, 258.254

■ 55, 34.839,
258.254

■ 55, 34.839,
258.254

■ 52, 38.890,
262.248

■ 58, 30.535,
254.854

■ 50, 42.787,
266.797

■ 61, 25.934,
252.014

■ 47, 46.686,
271.702

■ 64, 21.030,
249.670

■ 47, 47.368,
272.495

■ 67, 15.847,
247.748

■ 71, 10.422,
246.178

■ 74, 4.800, 244.923

■ 78, 0.976, 63.319

■ 81, 6.868, 62.799

Harmonies

Complementary

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



55, 34.839, 258.254



55, 48.978, 57.524

Rectangle

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



55, 34.839, 258.254



55, 34.839, 308.254



55, 34.839, 78.254



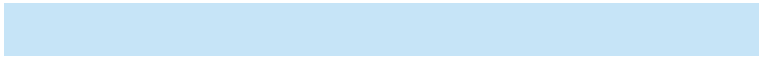
55, 34.839, 128.254

Sweetspot

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



55, 34.838, 258.255



89, 14.042, 246.467



69, 60.305, 150.873



47, 9.614, 246.899



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



55, 34.838, 258.255



65, 49.764, 264.461



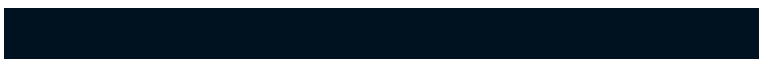
37, 71.309, 297.921



38, 3.245, 245.036



39, 40.853, 271.728



5, 10.468, 258.714

Inverse Universe

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



47, 60.788, 345.742



57, 82.442, 348.594



71, 59.484, 98.667



37, 5.334, 339.305



34, 61.260, 352.514



3, 14.862, 345.690

Previews

White Background



This preview shows how the CIE LCh color 55, 34.839, 258.254 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, 34.839, 258.254 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

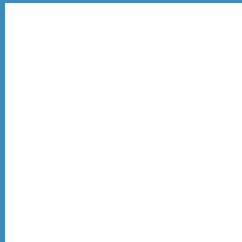
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 34.839, 258.254

Background



This preview shows how black text looks on a background with the CIELCh color 55, 34.839, 258.254.

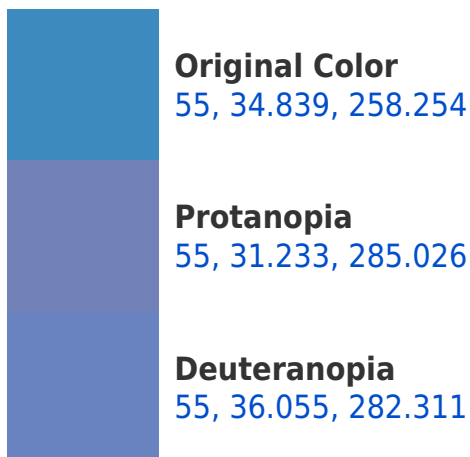


This preview shows how white text looks on a background with the CIELCh color 55, 34.839, 258.254.

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, 29.118, 209.569

Trichromacy



Original Color
55, 34.839, 258.254

Protanomaly
54, 32.473, 273.448

Deuteranomaly
55, 34.951, 272.871

Tritanomaly
55, 28.750, 227.675

Monochromacy



Original Color
55, 34.839, 258.254

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 14.471, 248.843

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 34.839, 258.254 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(60, 138, 190)` looks like.

```
.text, #text, p{  
    color:rgb(60, 138, 190)  
}
```

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(60, 138, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 138, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 34.839, 258.254 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(60, 138, 190) }
```

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

```
.border{ border-color:rgb(60, 138, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 138, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 138, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 138, 190);  
box-shadow:4px 4px 4px 4px rgb(60, 138,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 34.839, 258.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 138, 190) }
```

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

```
.background{ background-color: rgb(60, 138,  
190) }
```

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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