

Converting Colors

CIELCh(55, 30.565, 247.348)

Have a look what the booklet for
CIELCh(55, 30.565, 247.348)
contains.

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Color

CIELCh(55, 30.565, 247.348)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 3B8CB4 |
| RGB | 59, 140, 180 |
| RGB Percent | 23%, 55%, 71% |
| CMY | 0.7693, 0.4515, 0.2947 |
| CMYK | 0.67, 0.22, 0.00, 0.29 |
| HSL | 200°, 51%, 47% |
| HSV | 200°, 67%, 71% |
| XYZ | 19.3747, 22.9298, 46.5079 |
| YIQ | 120.3410, -61.1160, -4.7320 |

Conversions

Conversions Part 2

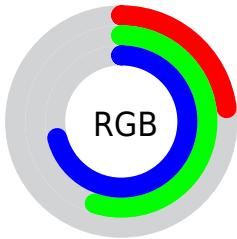
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 59, 108, 180 |
| Decimal | 3902644 |
| CIELab | 55.00, -11.77, -28.21 |
| CIELCh | 55, 30.565, 247.348 |
| Yxy | 22.9298, 0.2182, 0.2582 |
| Android (android.graphics.Color) | 4282092724 (0xFF3B8CB4) |
| YUV | 120.3410, 29.4119, -53.7961 |
| Hunter-Lab | 47.8851, -11.5764, -24.0652 |

Details

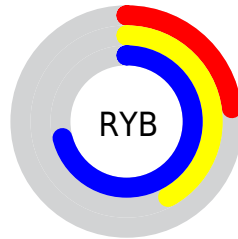
The CIELCh color **55, 30.565, 247.348** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **51, 46.845, 51.403**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 30.518, 246.745**, and **36, 28.438, 252.738** is the 20% darker color. If you saturate the color by 10%, you get **53, 33.630, 251.005**, and if you desaturate by 10%, it is **57, 27.089, 244.322**.

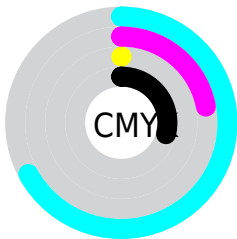
Distribution



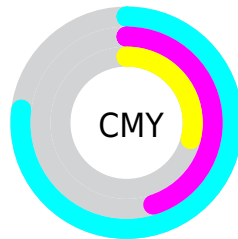
- Red (23%)
- Green (55%)
- Blue (71%)



- Red (23%)
- Yellow (42%)
- Blue (71%)



- Cyan (67%)
- Magenta (22%)
- Yellow (0%)
- Black (29%)





- Cyan (77%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 30.565, 247.348 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, 30.565, 247.348 by changing the saturation by 10% instead.


 55, 30.565,
247.348


 55, 30.565,
247.348


 100, 30.565,
247.348

 45, 30.565,
247.348


 75, 30.565,
247.348

 35, 30.565,
247.348

 85, 30.565,
247.348

 25, 30.565,
247.348

 95, 30.565,
247.348

 15, 30.565,
247.348

 5, 30.565, 247.348

 0, 30.565, 247.348

■ 55, 30.565,
247.348

■ 55, 30.565,
247.348

■ 53, 33.630,
251.005

■ 57, 27.089,
244.322

■ 51, 36.361,
255.316

■ 60, 23.184,
241.860

■ 49, 38.907,
260.172

■ 63, 18.870,
239.876

■ 48, 39.619,
261.467

■ 65, 14.191,
238.288

■ 68, 9.201, 237.026

■ 71, 3.957, 236.067

■ 74, 1.488, 54.825

■ 77, 7.086, 54.401

■ 80, 12.796, 53.893

Harmonies

Complementary

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



55, 30.565, 247.348



51, 46.845, 51.403

Rectangle

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



55, 30.565, 247.348



55, 30.565, 297.348



55, 30.565, 67.348



55, 30.565, 117.348

Sweetspot

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



55, 30.564, 247.348



86, 13.121, 237.380



65, 61.048, 147.737



44, 8.888, 237.724



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



55, 30.564, 247.348



66, 42.775, 253.123



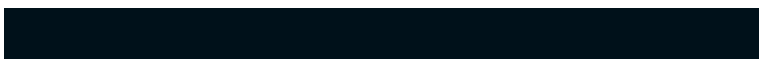
38, 60.329, 293.955



36, 3.043, 236.232



41, 34.908, 260.750



4, 7.711, 248.336

Inverse Universe

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



45, 59.940, 341.527



54, 81.865, 343.708



65, 52.809, 93.509



35, 5.353, 336.154



33, 62.053, 346.821



2, 11.907, 340.429

Previews

White Background



This preview shows how the CIE LCh color 55, 30.565, 247.348 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, 30.565, 247.348 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, 30.565, 247.348

Background



This preview shows how black text looks on a background with the CIELCh color 55, 30.565, 247.348.



This preview shows how white text looks on a background with the CIELCh color 55, 30.565, 247.348.

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, 30.565, 247.348

Protanopia
55, 24.863, 285.349

Deuteranopia
55, 30.673, 284.769



Tritanopia
55, 28.146, 211.339

Trichromacy



Original Color
55, 30.565, 247.348

Protanomaly
54, 26.151, 267.424

Deuteranomaly
55, 29.450, 269.697

Tritanomaly
55, 27.896, 225.986

Monochromacy



Original Color
55, 30.565, 247.348

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 13.223, 240.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 30.565, 247.348 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, 140, 180)` looks like.

```
.text, #text, p{  
    color:rgb(59, 140, 180)  
}
```

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, 140, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 140, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 30.565, 247.348 is called "border". The border property can be set on classes, ids or directly on the HTML element.

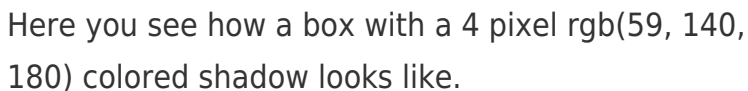
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(59, 140, 180) }
```

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

```
.border{ border-color:rgb(59, 140, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(59, 140, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(59, 140, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(59, 140, 180); box-shadow:4px 4px 4px 4px rgb(59, 140, 180) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 30.565, 247.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 140, 180) }
```

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

```
.background{ background-color: rgb(59, 140,  
180) }
```

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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