

Converting Colors

CIELCh(55, 50.769, 279.835)

Have a look what the booklet for
CIELCh(55, 50.769, 279.835)
contains.

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Color

CIELCh(55, 50.352, 279.608)

Conversions

Conversions Part 1

Format	Color
Hex	4A84DA
RGB	74, 132, 218
RGB Percent	29%, 52%, 85%
CMY	0.7110, 0.4833, 0.1461
CMYK	0.66, 0.39, 0.00, 0.15
HSL	216°, 66%, 57%
HSV	216°, 66%, 85%
XYZ	23.6394, 22.9298, 69.3276
YIQ	124.4620, -62.1740, 14.4500

Conversions

Conversions Part 2

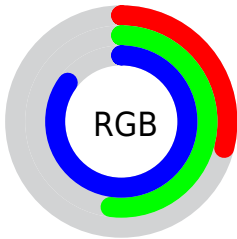
Format	Color
R_{YB}	74, 115, 218
Decimal	4883674
CIE _{Lab}	55.00, 8.40, -49.65
CIE _{LCh}	55, 50.352, 279.608
Yxy	22.9298, 0.2040, 0.1978
Android (android.graphics.Color)	4283073754 (0xFF4A84DA)
YUV	124.4620, 46.1142, -44.2552
Hunter-Lab	47.8851, 4.3208, -52.3199

Details

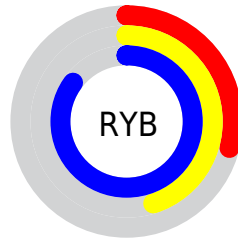
The CIELCh color **55, 50.352, 279.608** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **70, 53.602, 75.972**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 39.640, 273.062**, and **36, 49.693, 282.334** is the 20% darker color. If you saturate the color by 10%, you get **51, 58.290, 283.224**, and if you desaturate by 10%, it is **60, 42.566, 276.392**.

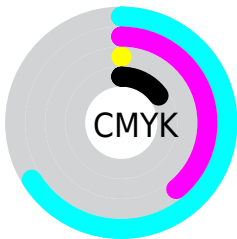
Distribution



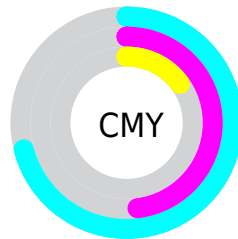
- Red (29%)
- Green (52%)
- Blue (85%)



- Red (29%)
- Yellow (45%)
- Blue (85%)



- Cyan (66%)
- Magenta (39%)
- Yellow (0%)
- Black (15%)




- Cyan (71%)
- Magenta (48%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 50.352, 279.608 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, 50.352, 279.608 by changing the saturation by 10% instead.

 55, 50.352,
279.608

 55, 50.352,
279.608

 100, 50.352,
279.608

 45, 50.352,
279.608


 75, 50.352,
279.608

 35, 50.352,
279.608

 85, 50.352,
279.608

 25, 50.352,
279.608

 95, 50.352,
279.608

 15, 50.352,
279.608

 5, 50.352, 279.608

 0, 50.352, 279.608

■ 55, 50.352,
279.608

■ 55, 50.352,
279.608

■ 51, 58.290,
283.224

■ 60, 42.566,
276.392

■ 46, 66.431,
287.142

■ 64, 34.879,
273.596

■ 43, 74.769,
291.179

■ 69, 27.251,
271.202

■ 41, 78.022,
292.648


■ 74, 19.663,
269.165

■ 79, 12.112,
267.438

■ 84, 4.604, 265.999

■ 89, 2.853, 84.554

■ 94, 10.247, 83.540

 98, 15.904,
100.588

Harmonies

Complementary

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



55, 50.352, 279.608



70, 53.602, 75.972

Rectangle

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



55, 50.352, 279.608



55, 50.352, 329.608



55, 50.352, 99.608



55, 50.352, 149.608

Sweetspot

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



55, 50.351, 279.609



89, 17.066, 268.098



78, 55.364, 160.434



46, 11.652, 268.591



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 50.351, 279.609



57, 68.904, 284.588



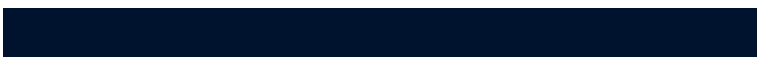
41, 85.556, 302.449



43, 4.274, 266.437



33, 64.759, 292.000



6, 20.826, 281.587

Inverse Universe

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



53, 60.810, 358.842



58, 77.720, 2.971



84, 70.042, 108.334



43, 5.299, 350.025



37, 63.452, 11.098



6, 24.313, 1.006

Previews

White Background



This preview shows how the CIE LCh color 55, 50.352, 279.608 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, 50.352, 279.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

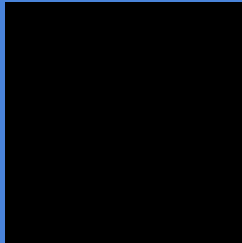
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

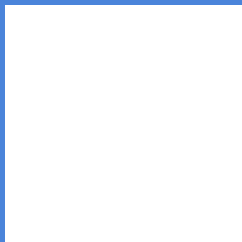
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 50.352, 279.608

Background



This preview shows how black text looks on a background with the CIELCh color 55, 50.352, 279.608.



This preview shows how white text looks on a background with the CIELCh color 55, 50.352, 279.608.

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

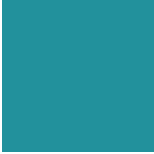
55, 50.352, 279.608

Protanopia

55, 49.629, 285.931

Deuteranopia

55, 50.391, 279.412



Tritanopia
55, 29.574, 209.334

Trichromacy



Original Color
55, 50.352, 279.608

Protanomaly
55, 49.872, 283.591

Deuteranomaly
55, 50.391, 279.412

Tritanomaly
55, 31.083, 243.030

Monochromacy



Original Color
55, 50.352, 279.608

Achromatopsia
52, 0.007, 296.813

Achromatomaly
53, 19.072, 270.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 50.352, 279.608 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(74, 132, 218)` looks like.

```
.text, #text, p{  
    color:rgb(74, 132, 218)  
}
```

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(74, 132, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 132, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 50.352, 279.608 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(74, 132, 218) }
```

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

```
.border{ border-color:rgb(74, 132, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 132, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 132, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 132, 218);  
box-shadow:4px 4px 4px 4px rgb(74, 132,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 50.352, 279.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 132, 218) }
```

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

```
.background{ background-color: rgb(74, 132,  
218) }
```

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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