

Converting Colors

CIELCh(55, 39.491, 264.857)

Have a look what the booklet for
CIELCh(55, 39.491, 264.857)
contains.

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Color

CIELCh(55, 39.305, 264.602)

Conversions

Conversions Part 1

Format	Color
Hex	3A89C7
RGB	58, 137, 199
RGB Percent	23%, 54%, 78%
CMY	0.7723, 0.4626, 0.2194
CMYK	0.71, 0.31, 0.00, 0.22
HSL	206°, 56%, 50%
HSV	206°, 71%, 78%
XYZ	21.0137, 22.9298, 57.3781
YIQ	120.4470, -66.9860, 2.5340

Conversions

Conversions Part 2

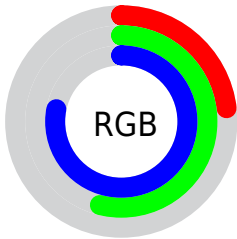
Format	Color
R_{YB}	58, 109, 199
Decimal	3836359
CIE _{Lab}	55.00, -3.70, -39.13
CIE _{LCh}	55, 39.305, 264.602
Yxy	22.9298, 0.2074, 0.2263
Android (android.graphics.Color)	4282026439 (0xFF3A89C7)
YUV	120.4470, 38.7266, -54.7660
Hunter-Lab	47.8851, -5.4669, -37.5244

Details

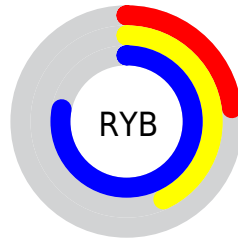
The CIELCh color **55, 39.305, 264.602** is a dark color, and the websafe version is hex **6699CC**. The color can be described as dark muted azure. A complement of this color would be **58, 52.637, 60.841**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 38.898, 264.124**, and **36, 37.592, 270.315** is the 20% darker color. If you saturate the color by 10%, you get **52, 44.072, 268.765**, and if you desaturate by 10%, it is **58, 34.395, 260.986**.

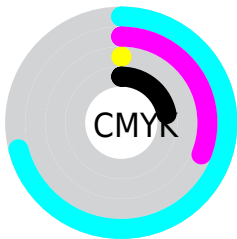
Distribution



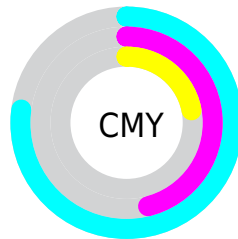
- Red (23%)
- Green (54%)
- Blue (78%)



- Red (23%)
- Yellow (43%)
- Blue (78%)



- Cyan (71%)
- Magenta (31%)
- Yellow (0%)
- Black (22%)





- Cyan (77%)
- Magenta (46%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 39.305, 264.602 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, 39.305, 264.602 by changing the saturation by 10% instead.


 55, 39.305,
264.602

 55, 39.305,
264.602


 100, 39.305,
264.602


 45, 39.305,
264.602


 75, 39.305,
264.602

 35, 39.305,
264.602

 85, 39.305,
264.602

 25, 39.305,
264.602

 95, 39.305,
264.602

 15, 39.305,
264.602

 5, 39.305, 264.602

 0, 39.305, 264.602

■ 55, 39.305,
264.602

■ 55, 39.305,
264.602

■ 52, 44.072,
268.765

■ 58, 34.395,
260.986

■ 49, 48.809,
273.388

■ 62, 29.275,
257.915

■ 46, 53.268,
277.764

■ 65, 23.920,
255.347

■ 69, 18.337,
253.215

■ 72, 12.551,
251.454

■ 76, 6.598, 250.011

■ 80, 0.515, 249.523

■ 84, 5.663, 67.616

Harmonies

Complementary

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



55, 39.305, 264.602



58, 52.637, 60.841

Rectangle

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



55, 39.305, 264.602



55, 39.305, 314.602



55, 39.305, 84.602



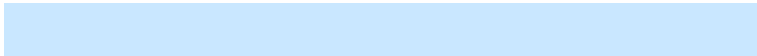
55, 39.305, 134.602

Sweetspot

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



55, 39.304, 264.603



90, 15.465, 251.531



72, 62.509, 151.870



47, 10.431, 251.995



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, 39.304, 264.603



64, 56.198, 271.222



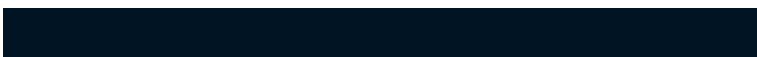
36, 80.005, 299.832



40, 3.459, 249.829



38, 45.380, 277.000



6, 13.068, 264.456

Inverse Universe

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



48, 63.211, 348.730



57, 83.870, 352.291



76, 65.034, 100.351



39, 5.420, 341.237



35, 61.700, 356.044



4, 18.512, 349.272

Previews

White Background



This preview shows how the CIE LCh color 55, 39.305, 264.602 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, 39.305, 264.602 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, 39.305, 264.602

Background



This preview shows how black text looks on a background with the CIELCh color 55, 39.305, 264.602.

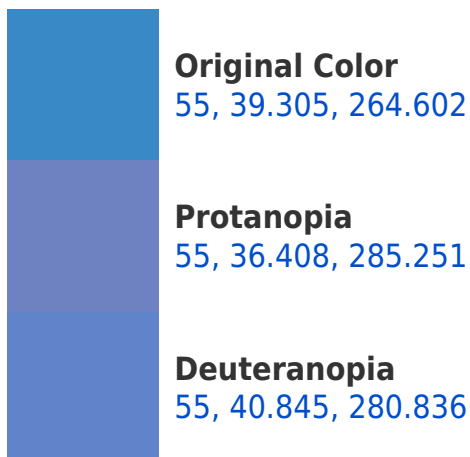


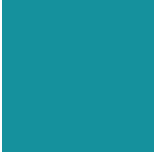
This preview shows how white text looks on a background with the CIELCh color 55, 39.305, 264.602.

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, 30.705, 209.908

Trichromacy



Original Color
55, 39.305, 264.602

Protanomaly
55, 37.387, 276.231

Deuteranomaly
55, 40.045, 274.535

Tritanomaly
55, 30.694, 231.998

Monochromacy



Original Color
55, 39.305, 264.602

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 16.351, 254.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 39.305, 264.602 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(58, 137, 199)` looks like.

```
.text, #text, p{  
    color:rgb(58, 137, 199)  
}
```

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(58, 137, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 137, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 39.305, 264.602 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(58, 137, 199) }
```

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

```
.border{ border-color:rgb(58, 137, 199) }
```

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

Here you see how a box with a 4 pixel rgb(58, 137, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 137, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 137, 199);  
box-shadow:4px 4px 4px 4px rgb(58, 137,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 39.305, 264.602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 137, 199) }
```

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

```
.background{ background-color: rgb(58, 137,  
199) }
```

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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