

Converting Colors

CIElCh(59, 23.397, 225.395)

Have a look what the booklet for
CIELCh(59, 23.397, 225.395)
contains.

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Color

CIELCh(59, 23.389, 225.437)

Conversions

Conversions Part 1

Format	Color
Hex	5397AA
RGB	83, 151, 170
RGB Percent	33%, 59%, 67%
CMY	0.6764, 0.4059, 0.3314
CMYK	0.52, 0.11, 0.00, 0.33
HSL	193°, 35%, 50%
HSV	193°, 52%, 67%
XYZ	21.9718, 27.0277, 42.3352
YIQ	132.8340, -46.6270, -8.5070

Conversions

Conversions Part 2

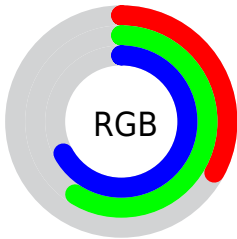
Format	Color
R_{YB}	83, 121, 170
Decimal	5478314
CIE _{Lab}	59.00, -16.41, -16.66
CIE _{LCh}	59, 23.389, 225.437
Yxy	27.0277, 0.2406, 0.2959
Android (android.graphics.Color)	4283668394 (0xFF5397AA)
YUV	132.8340, 18.3228, -43.7044
Hunter-Lab	51.9882, -15.5398, -11.8894

Details

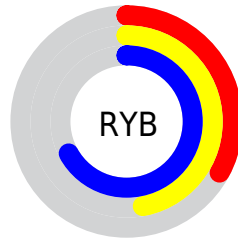
The CIELCh color **59, 23.389, 225.437** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **50, 34.228, 41.293**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 23.149, 225.818**, and **39, 23.205, 225.949** is the 20% darker color. If you saturate the color by 10%, you get **57, 26.438, 227.162**, and if you desaturate by 10%, it is **61, 19.761, 224.109**.

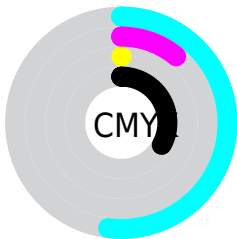
Distribution



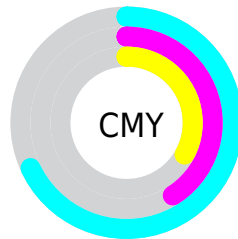
- Red (33%)
- Green (59%)
- Blue (67%)



- Red (33%)
- Yellow (47%)
- Blue (67%)



- Cyan (52%)
- Magenta (11%)
- Yellow (0%)
- Black (33%)



- Cyan (68%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 23.389, 225.437 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 59, 23.389, 225.437 by changing the saturation by 10% instead.

■ 59, 23.389,
225.437

■ 59, 23.389,
225.437

■ 100, 23.389,
225.437

■ 49, 23.389,
225.437

■ 79, 23.389,
225.437

■ 39, 23.389,
225.437

■ 89, 23.389,
225.437

■ 29, 23.389,
225.437

■ 99, 23.389,
225.437

■ 19, 23.389,
225.437

■ 9, 23.389, 225.437

■ 0, 23.389, 225.437

■ 59, 23.389,
225.437

■ 59, 23.389,
225.437

■ 57, 26.438,
227.162

■ 61, 19.761,
224.109

■ 56, 28.872,
229.373

■ 63, 15.620,
223.108

■ 54, 30.693,
232.151

■ 65, 11.040,
222.372

■ 53, 31.962,
235.559

■ 67, 6.097, 221.862

■ 52, 32.780,
238.776

■ 69, 0.864, 221.954

■ 72, 4.595, 41.037

■ 74, 10.224, 40.933

■ 77, 15.978, 40.864

■ 79, 21.818, 40.843

Harmonies

Complementary

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



59, 23.389, 225.437



50, 34.228, 41.293

Rectangle

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



59, 23.389, 225.437



59, 23.389, 275.437



59, 23.389, 45.437



59, 23.389, 95.437

Sweetspot

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



59, 23.388, 225.435



84, 9.670, 222.023



63, 50.656, 145.944



44, 6.613, 222.126



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



59, 23.388, 225.435



73, 32.672, 227.462



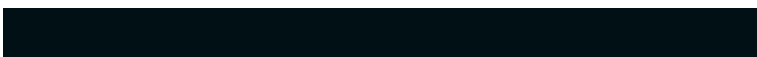
47, 36.900, 282.890



35, 2.959, 221.779



45, 29.479, 238.243



4, 5.405, 229.124

Inverse Universe

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



48, 49.970, 334.575



58, 71.812, 335.469



61, 36.218, 87.074



33, 5.532, 331.640



33, 65.334, 338.916



2, 9.579, 333.496

Previews

White Background



This preview shows how the CIELCh color 59, 23.389, 225.437 looks on a white background.

Color Contrast Check

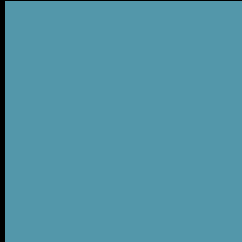
Large Text (above 18pt) WCAG AA ✓ Pass

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 59, 23.389, 225.437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

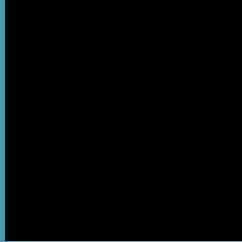
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 23.389, 225.437

Background



This preview shows how black text looks on a background with the CIELCh color 59, 23.389, 225.437.



This preview shows how white text looks on a background with the CIELCh color 59, 23.389, 225.437.

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

59, 23.180, 225.723

Protanopia

59, 13.078, 286.898

Deuteranopia

59, 19.900, 293.439



Tritanopia
59, 23.111, 216.346

Trichromacy



Original Color
59, 23.180, 225.723

Protanomaly
58, 15.294, 254.013

Deuteranomaly
58, 18.215, 264.291

Tritanomaly
59, 23.072, 219.462

Monochromacy



Original Color
59, 23.180, 225.723

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 9.848, 222.715

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 23.389, 225.437 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(83, 151, 170)` looks like.

```
.text, #text, p{  
    color:rgb(83, 151, 170)  
}
```

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(83, 151, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 151, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 23.389, 225.437 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(83, 151, 170) }
```

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

```
.border{ border-color:rgb(83, 151, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 151, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 151, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 151, 170);  
box-shadow:4px 4px 4px 4px rgb(83, 151,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 23.389, 225.437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 151, 170) }
```

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

```
.background{ background-color: rgb(83, 151,  
170) }
```

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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