

Converting Colors

CIELCh(59, 15.630, 253.364)

Have a look what the booklet for
CIELCh(59, 15.630, 253.364)
contains.

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Color

CIELCh(59, 15.892, 254.418)

Conversions

Conversions Part 1

Format	Color
Hex	7591A8
RGB	117, 145, 168
RGB Percent	46%, 57%, 66%
CMY	0.5396, 0.4298, 0.3395
CMYK	0.30, 0.14, 0.00, 0.34
HSL	207°, 23%, 56%
HSV	207°, 30%, 66%
XYZ	24.6848, 27.0277, 41.1661
YIQ	139.2500, -24.0710, 1.2170

Conversions

Conversions Part 2

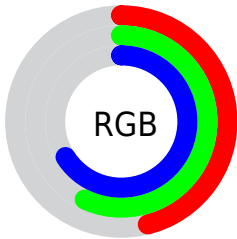
Format	Color
RYB	117, 135, 168
Decimal	7705000
CIELab	59.00, -4.27, -15.31
CIELCh	59, 15.892, 254.418
Yxy	27.0277, 0.2658, 0.2910
Android (android.graphics.Color)	4285895080 (0xFF7591A8)
YUV	139.2500, 14.1738, -19.5132
Hunter-Lab	51.9882, -6.2250, -10.5561

Details

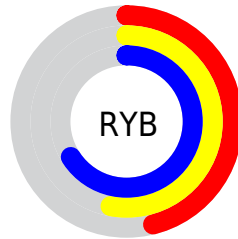
The CIELCh color $59, 15.892, 254.418$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $60, 17.706, 66.507$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 15.803, 253.537$, and $39, 15.771, 253.818$ is the 20% darker color. If you saturate the color by 10%, you get $56, 20.857, 256.504$, and if you desaturate by 10%, it is $62, 10.768, 252.680$.

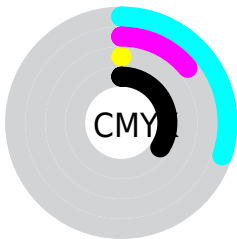
Distribution



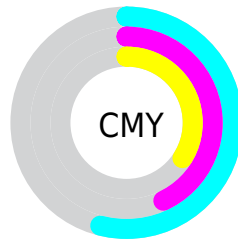
- Red (46%)
- Green (57%)
- Blue (66%)



- Red (46%)
- Yellow (53%)
- Blue (66%)



- Cyan (30%)
- Magenta (14%)
- Yellow (0%)
- Black (34%)



- Cyan (54%)
- Magenta (43%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 15.892, 254.418 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, 15.892, 254.418 by changing the saturation by 10% instead.

■ 59, 15.892,
254.418

■ 59, 15.892,
254.418

■ 100, 15.892,
254.418

■ 49, 15.892,
254.418

■ 79, 15.892,
254.418

■ 39, 15.892,
254.418

■ 89, 15.892,
254.418

■ 29, 15.892,
254.418

■ 99, 15.892,
254.418

■ 19, 15.892,
254.418

■ 9, 15.892, 254.418

■ 0, 15.892, 254.418

■ 59, 15.892,
254.418

■ 59, 15.892,
254.418

■ 56, 20.857,
256.504

■ 62, 10.768,
252.680

■ 53, 25.645,
259.009

■ 66, 5.515, 251.254

■ 69, 0.162, 252.168

■ 50, 30.248,
261.993

■ 72, 5.262, 68.867

■ 47, 34.688,
265.498

■ 76, 10.733, 68.025

■ 44, 39.018,
269.527

■ 79, 16.229, 67.286

■ 82, 21.733, 66.644

■ 41, 43.327,
274.006

■ 86, 27.229, 66.085

■ 39, 47.626,
278.470

■ 88, 28.981, 73.583

Harmonies

Complementary

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



59, 15.892, 254.418



60, 17.706, 66.507

Rectangle

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



59, 15.892, 254.418



59, 15.892, 304.418



59, 15.892, 74.418



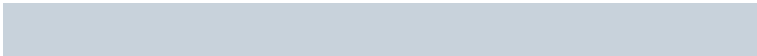
59, 15.892, 124.418

Sweetspot

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



59, 15.891, 254.415



84, 5.986, 251.113



65, 24.755, 158.376



44, 4.148, 251.289



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



59, 15.891, 254.415



73, 23.219, 255.699



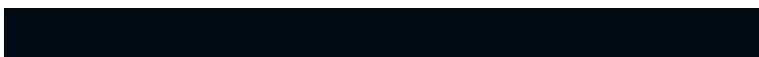
52, 28.173, 291.888



34, 3.034, 251.128



34, 42.873, 277.910



3, 5.879, 258.182

Inverse Universe

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



55, 25.445, 343.715



68, 37.472, 344.385



67, 26.402, 105.087



33, 4.683, 341.787



32, 57.254, 356.723



2, 8.033, 345.068

Previews

White Background



This preview shows how the CIELCh color 59, 15.892, 254.418 looks on a white background.

Color Contrast Check

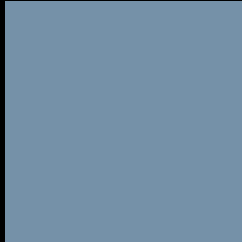
Large Text (above 18pt) WCAG AA ✓ Pass

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, 15.892, 254.418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

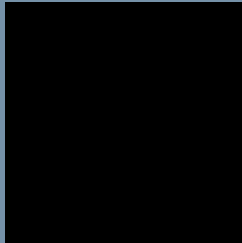
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

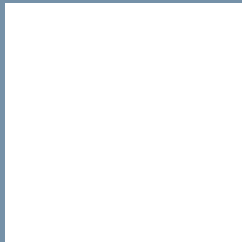
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 15.892, 254.418

Background



This preview shows how black text looks on a background with the CIELCh color 59, 15.892, 254.418.



This preview shows how white text looks on a background with the CIELCh color 59, 15.892, 254.418.

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, 15.892, 254.418

Protanopia

59, 14.207, 287.430

Deuteranopia

59, 18.238, 295.599



Tritanopia
59, 12.943, 230.424

Trichromacy



Original Color
59, 15.892, 254.418

Protanomaly
59, 14.140, 274.199

Deuteranomaly
59, 16.110, 280.618

Tritanomaly
59, 13.600, 240.771

Monochromacy



Original Color
59, 15.892, 254.418

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 5.818, 250.682

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 15.892, 254.418 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(117, 145, 168)` looks like.

```
.text, #text, p{  
    color:rgb(117, 145, 168)  
}
```

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(117, 145, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 145, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 15.892, 254.418 is called "border". The border property can be set on classes, ids or directly on the HTML element.

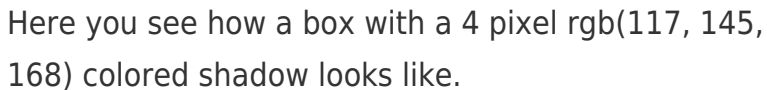
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 145, 168) }
```

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

```
.border{ border-color:rgb(117, 145, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 145, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 145, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 145, 168); box-shadow:4px 4px 4px 4px rgb(117, 145, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 15.892, 254.418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 145, 168) }
```

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

```
.background{ background-color: rgb(117,  
145, 168) }
```

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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