

Converting Colors

CIELCh(59, 15.533, 242.786)

Have a look what the booklet for
CIELCh(59, 15.533, 242.786)
contains.

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Color

CIELCh(59, 15.533, 242.786)

Conversions

Conversions Part 1

Format	Color
Hex	7193A6
RGB	113, 147, 166
RGB Percent	44%, 58%, 65%
CMY	0.5578, 0.4245, 0.3500
CMYK	0.32, 0.11, 0.00, 0.35
HSL	202°, 23%, 55%
HSV	202°, 32%, 65%
XYZ	24.0326, 27.0277, 39.9031
YIQ	139.0000, -26.3630, -1.2990

Conversions

Conversions Part 2

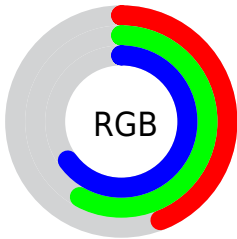
Format	Color
RYB	113, 134, 166
Decimal	7443366
CIELab	59.00, -7.10, -13.81
CIElCh	59, 15.533, 242.786
Yxy	27.0277, 0.2642, 0.2971
Android (android.graphics.Color)	4285633446 (0xFF7193A6)
YUV	139.0000, 13.3110, -22.8020
Hunter-Lab	51.9882, -8.4643, -9.1158

Details

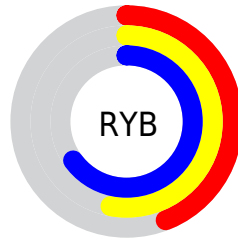
The CIELCh color **59, 15.533, 242.786** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **58, 18.314, 56.136**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **79, 15.540, 242.439**, and **39, 15.494, 244.150** is the 20% darker color. If you saturate the color by 10%, you get **56, 19.876, 244.659**, and if you desaturate by 10%, it is **62, 10.910, 241.266**.

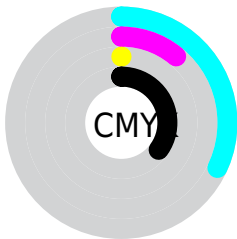
Distribution



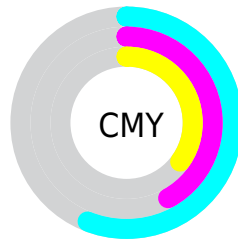
- Red (44%)
- Green (58%)
- Blue (65%)



- Red (44%)
- Yellow (53%)
- Blue (65%)



- Cyan (32%)
- Magenta (11%)
- Yellow (0%)
- Black (35%)



- Cyan (56%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 15.533, 242.786 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, 15.533, 242.786 by changing the saturation by 10% instead.

■ 59, 15.533,
242.786

■ 59, 15.533,
242.786

■ 100, 15.533,
242.786

■ 49, 15.533,
242.786

■ 79, 15.533,
242.786

■ 39, 15.533,
242.786

■ 89, 15.533,
242.786

■ 29, 15.533,
242.786

■ 99, 15.533,
242.786

■ 19, 15.533,
242.786

■ 9, 15.533, 242.786

■ 0, 15.533, 242.786

■ 59, 15.533,
242.786

■ 59, 15.533,
242.786

■ 56, 19.876,
244.659

■ 62, 10.910,
241.266

■ 54, 23.901,
246.971

■ 65, 6.056, 240.056

■ 67, 1.016, 239.383

■ 51, 27.582,
249.797

■ 70, 4.169, 58.054

■ 49, 30.922,
253.208

■ 73, 9.460, 57.431

■ 47, 33.968,
257.241

■ 76, 14.827, 56.885

■ 79, 20.243, 56.425

■ 45, 36.815,
261.865

■ 82, 25.689, 56.037

■ 43, 39.104,
265.734

■ 85, 28.844, 58.869

Harmonies

Complementary

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



59, 15.533, 242.786



58, 18.314, 56.136

Rectangle

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



59, 15.533, 242.786



59, 15.533, 292.786



59, 15.533, 62.786



59, 15.533, 112.786

Sweetspot

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



59, 15.532, 242.782



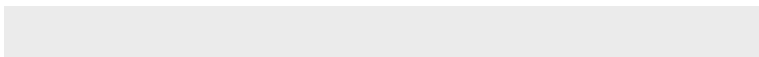
82, 6.253, 239.871



64, 27.868, 153.719



43, 4.249, 240.007



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



59, 15.532, 242.782



73, 22.370, 243.998



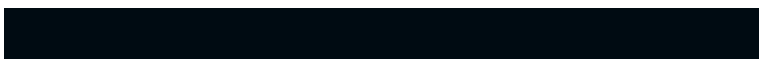
52, 26.254, 287.586



33, 2.839, 239.781



38, 35.255, 265.117



3, 4.564, 245.817

Inverse Universe

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



54, 28.153, 339.211



65, 41.109, 339.821



65, 24.989, 99.740



32, 4.872, 337.367



31, 58.885, 348.870



1, 7.217, 339.379

Previews

White Background



This preview shows how the CIELCh color 59, 15.533, 242.786 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, 15.533, 242.786 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

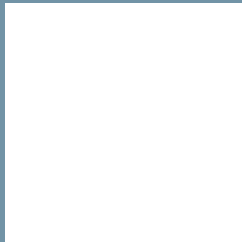
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 15.533, 242.786

Background



This preview shows how black text looks on a background with the CIELCh color 59, 15.533, 242.786.



This preview shows how white text looks on a background with the CIELCh color 59, 15.533, 242.786.

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, 15.533, 242.786

Protanopia
59, 12.495, 288.260

Deuteranopia
59, 17.175, 298.124



Tritanopia
59, 14.315, 226.930

Trichromacy



Original Color
59, 15.533, 242.786

Protanomaly
59, 12.661, 270.000

Deuteranomaly
59, 15.007, 279.567

Tritanomaly
59, 14.509, 231.802

Monochromacy



Original Color
59, 15.533, 242.786

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 6.198, 239.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 15.533, 242.786 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(113, 147, 166)` looks like.

```
.text, #text, p{  
    color:rgb(113, 147, 166)  
}
```

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(113, 147, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 147, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 15.533, 242.786 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(113, 147, 166) }
```

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

```
.border{ border-color:rgb(113, 147, 166) }
```

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

Here you see how a box with a 4 pixel rgb(113, 147, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 147, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 147, 166);  
box-shadow:4px 4px 4px 4px rgb(113, 147,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 15.533, 242.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 147, 166) }
```

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

```
.background{ background-color: rgb(113,  
147, 166) }
```

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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