

Converting Colors

CIELCh(59, 12.592, 233.605)

Have a look what the booklet for
CIELCh(59, 12.592, 233.605)
contains.

CIELCh(59, 12.393, 232.053)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(59, 12.393, 232.053)

Conversions

Conversions Part 1

Format	Color
Hex	75939F
RGB	117, 147, 159
RGB Percent	46%, 58%, 62%
CMY	0.5423, 0.4247, 0.3777
CMYK	0.26, 0.08, 0.00, 0.38
HSL	197°, 18%, 54%
HSV	197°, 26%, 62%
XYZ	23.9148, 27.0277, 36.6180
YIQ	139.3980, -21.7320, -2.6280

Conversions

Conversions Part 2

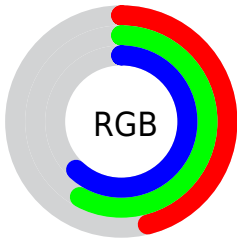
Format	Color
R_{YB}	117, 135, 159
Decimal	7705503
CIE _{Lab}	59.00, -7.62, -9.77
CIE _{LCh}	59, 12.393, 232.053
Yxy	27.0277, 0.2731, 0.3087
Android (android.graphics.Color)	4285895583 (0xFF75939F)
YUV	139.3980, 9.6638, -19.6430
Hunter-Lab	51.9882, -8.8687, -5.3692

Details

The CIELCh color $59, 12.393, 232.053$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $56, 14.510, 48.369$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $79, 12.465, 232.777$, and $39, 12.582, 234.355$ is the 20% darker color. If you saturate the color by 10%, you get $57, 16.557, 233.338$, and if you desaturate by 10%, it is $61, 7.912, 231.048$.

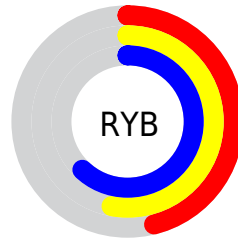
Distribution



Red (46%)

Green (58%)

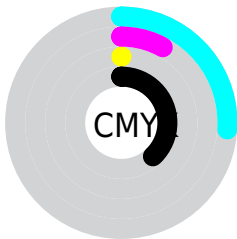
Blue (62%)



Red (46%)

Yellow (53%)

Blue (62%)

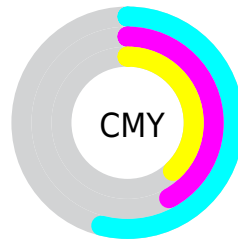


Cyan (26%)

Magenta (8%)

Yellow (0%)

Black (38%)



Cyan (54%)


Magenta (42%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 12.393, 232.053 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, 12.393, 232.053 by changing the saturation by 10% instead.


 59, 12.393,
232.053


 59, 12.393,
232.053


 100, 12.393,
232.053


 49, 12.393,
232.053


 79, 12.393,
232.053

 39, 12.393,
232.053

 89, 12.393,
232.053

 29, 12.393,
232.053

 99, 12.393,
232.053

 19, 12.393,
232.053

 9, 12.393, 232.053

 0, 12.393, 232.053

■ 59, 12.393,
232.053

■ 59, 12.393,
232.053

■ 57, 16.557,
233.338

■ 61, 7.912, 231.048

■ 55, 20.348,
234.982

■ 64, 3.174, 230.332

■ 66, 1.767, 49.330

■ 52, 23.712,
237.057

■ 69, 6.865, 49.028

■ 51, 26.617,
239.651

■ 71, 12.080, 48.681

■ 74, 17.377, 48.403

■ 49, 29.061,
242.848

■ 77, 22.730, 48.187

■ 47, 31.090,
246.703

■ 79, 28.117, 48.022

■ 82, 31.836, 49.330

■ 45, 32.825,
251.174

■ 45, 33.450,

252.754

Harmonies

Complementary

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



59, 12.393, 232.053



56, 14.510, 48.369

Rectangle

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



59, 12.393, 232.053



59, 12.393, 282.053



59, 12.393, 52.053



59, 12.393, 102.053

Sweetspot

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



59, 12.393, 232.047



81, 4.856, 230.426



62, 23.472, 151.613



42, 3.468, 230.518



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



59, 12.393, 232.047



73, 18.239, 232.804



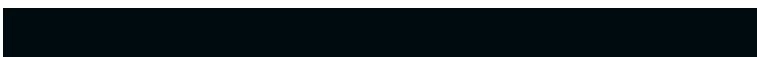
53, 19.202, 282.972



32, 2.754, 230.494



40, 30.852, 252.261



2, 3.663, 234.192

Inverse Universe

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



54, 23.639, 335.527



66, 35.403, 335.996



62, 18.715, 96.326



31, 4.998, 334.286



31, 60.735, 343.424



1, 6.328, 335.149

Previews

White Background



This preview shows how the CIE LCh color 59, 12.393, 232.053 looks on a white background.

Color Contrast Check

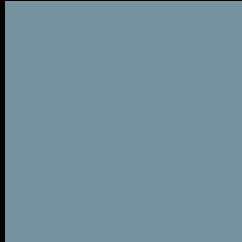
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.393, 232.053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

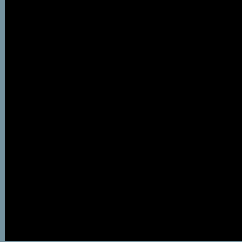
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

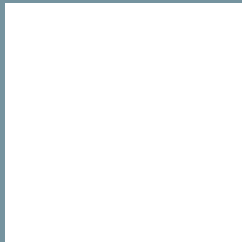
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 12.393, 232.053

Background



This preview shows how black text looks on a background with the CIELCh color 59, 12.393, 232.053.



This preview shows how white text looks on a background with the CIELCh color 59, 12.393, 232.053.

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, 12.393, 232.053

Protanopia

59, 7.943, 288.394

Deuteranopia

59, 13.445, 304.372



Tritanopia
59, 12.141, 229.637

Trichromacy



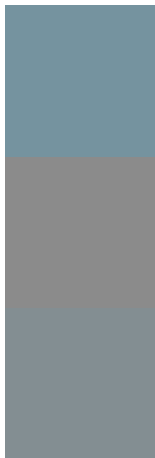
Original Color
59, 12.393, 232.053

Protanomaly
59, 8.314, 261.923

Deuteranomaly
59, 10.950, 279.881

Tritanomaly
59, 12.141, 229.637

Monochromacy



Original Color
59, 12.393, 232.053

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 4.695, 228.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 12.393, 232.053 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, 147, 159)` looks like.

```
.text, #text, p{  
    color:rgb(117, 147, 159)  
}
```

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, 147, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 147, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 12.393, 232.053 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, 147, 159) }
```

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

```
.border{ border-color:rgb(117, 147, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 147, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 147, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 147, 159);  
box-shadow:4px 4px 4px 4px rgb(117, 147,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 12.393, 232.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 147, 159) }
```

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

```
.background{ background-color: rgb(117,  
147, 159) }
```

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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