

Converting Colors

CIELCh(59, 24.265, 291.101)

Have a look what the booklet for
CIELCh(59, 24.265, 291.101)
contains.

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Color

CIELCh(59, 24.383, 291.301)

Conversions

Conversions Part 1

Format	Color
Hex	898BB6
RGB	137, 139, 182
RGB Percent	54%, 55%, 71%
CMY	0.4640, 0.4561, 0.2876
CMYK	0.25, 0.24, 0.00, 0.29
HSL	237°, 23%, 62%
HSV	237°, 25%, 71%
XYZ	27.8590, 27.0277, 47.8231
YIQ	143.3040, -14.9950, 12.9490

Conversions

Conversions Part 2

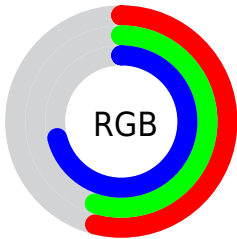
Format	Color
RYB	137, 139, 182
Decimal	9014198
CIELab	59.00, 8.86, -22.72
CIELCh	59, 24.383, 291.301
Yxy	27.0277, 0.2712, 0.2631
Android (android.graphics.Color)	4287204278 (0xFF898BB6)
YUV	143.3040, 19.0771, -5.5286
Hunter-Lab	51.9882, 4.6738, -18.1481

Details

The CIELCh color $59, 24.383, 291.301$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $72, 23.135, 105.874$, and the grayscale version is $59, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 24.601, 291.594$, and $39, 24.498, 291.427$ is the 20% darker color. If you saturate the color by 10%, you get $53, 34.927, 292.868$, and if you desaturate by 10%, it is $65, 14.256, 289.964$.

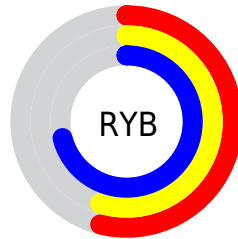
Distribution



Red (54%)

Green (55%)

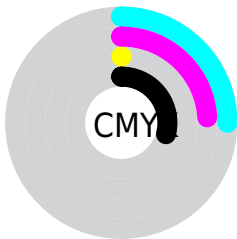
Blue (71%)



Red (54%)

Yellow (55%)

Blue (71%)

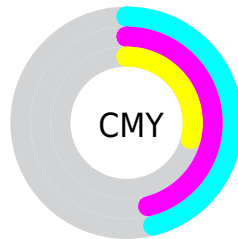


Cyan (25%)

Magenta (24%)

Yellow (0%)

Black (29%)



Cyan (46%)


Magenta (46%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 24.383, 291.301 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, 24.383, 291.301 by changing the saturation by 10% instead.


 59, 24.383,
291.301


 59, 24.383,
291.301


 100, 24.383,
291.301


 49, 24.383,
291.301


 79, 24.383,
291.301

 39, 24.383,
291.301

 89, 24.383,
291.301

 29, 24.383,
291.301

 99, 24.383,
291.301

 19, 24.383,
291.301

 9, 24.383, 291.301

 0, 24.383, 291.301

■ 59, 24.383,
291.301

■ 59, 24.383,
291.301

■ 53, 34.927,
292.868

■ 65, 14.256,
289.964

■ 47, 45.913,
294.689

■ 71, 4.519, 288.837

■ 77, 4.858, 107.835

■ 41, 57.315,
296.765

■ 83, 13.903,
107.017

■ 35, 68.993,
299.045

■ 89, 22.638,
106.307

■ 30, 80.526,
301.391

■ 95, 31.085,
105.695

■ 26, 90.992,
303.554

■ 98, 36.827,
107.370

■ 23, 98.933,
305.209

■ 22, 101.697,

Harmonies

Complementary

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



59, 24.383, 291.301



72, 23.135, 105.874

Rectangle

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



59, 24.383, 291.301



59, 24.383, 341.301



59, 24.383, 111.301



59, 24.383, 161.301

Sweetspot

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



59, 24.382, 291.300



89, 8.278, 289.084



71, 15.808, 193.666



47, 5.428, 289.148



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



59, 24.382, 291.300



71, 37.108, 292.171



60, 26.546, 308.550



36, 5.463, 289.328



18, 90.319, 305.628



1, 14.874, 288.973

Inverse Universe

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



61, 18.342, 17.827



75, 28.137, 18.532



71, 25.567, 126.132



36, 4.006, 16.305



32, 70.192, 37.787



2, 10.657, 16.693

Previews

White Background



This preview shows how the CIELCh color 59, 24.383, 291.301 looks on a white background.

Color Contrast Check

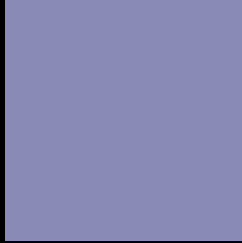
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.383, 291.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

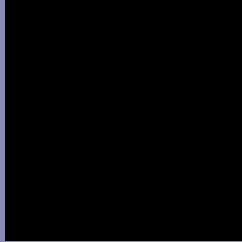
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 24.383, 291.301

Background



This preview shows how black text looks on a background with the CIELCh color 59, 24.383, 291.301.



This preview shows how white text looks on a background with the CIELCh color 59, 24.383, 291.301.

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, 24.383, 291.301

Protanopia

59, 24.478, 285.815

Deuteranopia

59, 24.398, 289.719



Tritanopia
59, 7.757, 252.799

Trichromacy



Original Color
59, 24.383, 291.301

Protanomaly
59, 24.422, 287.355

Deuteranomaly
59, 24.388, 290.508

Tritanomaly
59, 13.344, 277.685

Monochromacy



Original Color
59, 24.383, 291.301

Achromatopsia
59, 0.008, 296.813

Achromatomaly
59, 9.073, 291.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 24.383, 291.301 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(137, 139, 182)` looks like.

```
.text, #text, p{  
    color:rgb(137, 139, 182)  
}
```

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(137, 139, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 139, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 24.383, 291.301 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(137, 139, 182) }
```

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

```
.border{ border-color:rgb(137, 139, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 139, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 139, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 139, 182);  
box-shadow:4px 4px 4px 4px rgb(137, 139,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 24.383, 291.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 139, 182) }
```

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

```
.background{ background-color: rgb(137,  
139, 182) }
```

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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