

Converting Colors

CIELCh(59, 42.369, 300.771)

Have a look what the booklet for
CIELCh(59, 42.369, 300.771)
contains.

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Color

CIELCh(59, 42.317, 300.752)

Conversions

Conversions Part 1

Format	Color
Hex	9284CE
RGB	146, 132, 206
RGB Percent	57%, 52%, 81%
CMY	0.4279, 0.4827, 0.1926
CMYK	0.29, 0.36, 0.00, 0.19
HSL	251°, 43%, 66%
HSV	251°, 36%, 81%
XYZ	31.2003, 27.0277, 61.8953
YIQ	144.6220, -15.4100, 25.9820

Conversions

Conversions Part 2

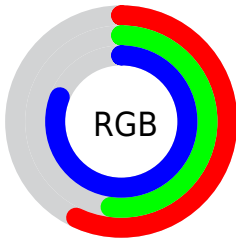
Format	Color
R _Y B	146, 132, 206
Decimal	9602254
CIE Lab	59.00, 21.64, -36.37
CIE LCh	59, 42.317, 300.752
Yxy	27.0277, 0.2597, 0.2250
Android (android.graphics.Color)	4287792334 (0xFF9284CE)
YUV	144.6220, 30.2594, 1.2085
Hunter-Lab	51.9882, 16.1460, -34.1968

Details

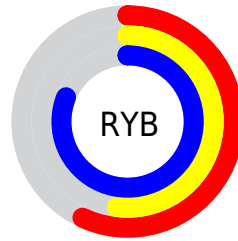
The CIELCh color $59, 42.317, 300.752$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $80, 38.926, 115.078$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 37.969, 301.231$, and $39, 42.429, 300.896$ is the 20% darker color. If you saturate the color by 10%, you get $52, 55.075, 301.924$, and if you desaturate by 10%, it is $66, 29.963, 299.706$.

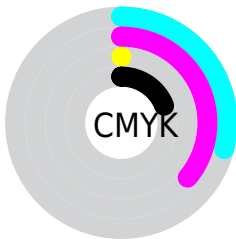
Distribution



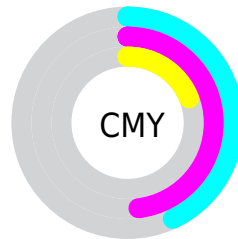
- Red (57%)
- Green (52%)
- Blue (81%)



- Red (57%)
- Yellow (52%)
- Blue (81%)



- Cyan (29%)
- Magenta (36%)
- Yellow (0%)
- Black (19%)





- Cyan (43%)
- Magenta (48%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 42.317, 300.752 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, 42.317, 300.752 by changing the saturation by 10% instead.


 59, 42.317,
300.752


 59, 42.317,
300.752


 100, 42.317,
300.752


 49, 42.317,
300.752


 79, 42.317,
300.752


 39, 42.317,
300.752


 89, 42.317,
300.752

 29, 42.317,
300.752

 99, 42.317,
300.752

 19, 42.317,
300.752

 9, 42.317, 300.752

 0, 42.317, 300.752

■ 59, 42.317,
300.752

■ 59, 42.317,
300.752

■ 52, 55.075,
301.924

■ 66, 29.963,
299.706

■ 46, 68.101,
303.197

■ 72, 18.059,
298.789

■ 40, 81.057,
304.504

■ 79, 6.604, 297.993

■ 35, 93.248,
305.716

■ 85, 4.421, 117.310

■ 30, 103.484,
306.631

■ 92, 15.040,
116.719

■ 27, 110.309,
307.022

■ 98, 25.046,
115.925

■ 26, 112.402,
307.122

■ 99, 24.788,
108.297

Harmonies

Complementary

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



59, 42.317, 300.752



80, 38.926, 115.078

Rectangle

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



59, 42.317, 300.752



59, 42.317, 350.752



59, 42.317, 120.752



59, 42.317, 170.752

Sweetspot

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



59, 42.316, 300.752



91, 14.696, 298.393



74, 20.606, 219.085



48, 9.900, 298.503



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 42.316, 300.752



66, 61.075, 301.632



62, 44.855, 316.741



39, 6.302, 298.255



20, 95.523, 307.222



2, 23.706, 297.313

Inverse Universe

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



64, 42.262, 332.451



75, 59.640, 332.973



78, 43.589, 133.470



40, 6.612, 330.700



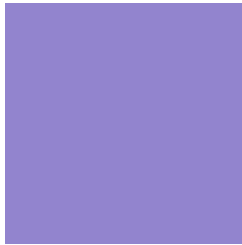
38, 72.349, 337.412



5, 24.880, 334.859

Previews

White Background



This preview shows how the CIELCh color 59, 42.317, 300.752 looks on a white background.

Color Contrast Check

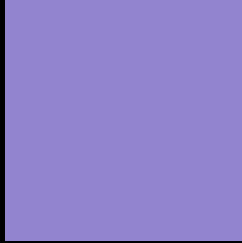
Large Text (above 18pt) WCAG AA ✓ Pass

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, 42.317, 300.752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

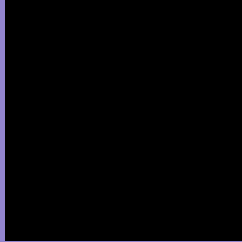
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 42.317, 300.752

Background



This preview shows how black text looks on a background with the CIELCh color 59, 42.317, 300.752.



This preview shows how white text looks on a background with the CIELCh color 59, 42.317, 300.752.

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, 42.317, 300.752

Protanopia
59, 40.999, 285.157

Deuteranopia
59, 36.036, 282.947



Tritanopia
59, 6.844, 265.139

Trichromacy



Original Color
59, 42.317, 300.752

Protanomaly
59, 41.349, 290.912

Deuteranomaly
59, 37.975, 289.679

Tritanomaly
59, 19.300, 292.353

Monochromacy



Original Color
59, 42.317, 300.752

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 15.446, 298.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 42.317, 300.752 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(146, 132, 206)` looks like.

```
.text, #text, p{  
    color:rgb(146, 132, 206)  
}
```

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(146, 132, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 132, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 42.317, 300.752 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(146, 132, 206) }
```

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

```
.border{ border-color:rgb(146, 132, 206) }
```

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

Here you see how a box with a 4 pixel rgb(146, 132, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 132, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 132, 206);  
box-shadow:4px 4px 4px 4px rgb(146, 132,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 42.317, 300.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 132, 206) }
```

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

```
.background{ background-color: rgb(146,  
132, 206) }
```

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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