

Converting Colors

CIELCh(52, 59.333, 306.912)

Have a look what the booklet for
CIELCh(52, 59.333, 306.912)
contains.

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Color

CIELCh(52, 59.411, 306.882)

Conversions

Conversions Part 1

Format	Color
Hex	8C69CE
RGB	140, 105, 206
RGB Percent	55%, 41%, 81%
CMY	0.4509, 0.5881, 0.1920
CMYK	0.32, 0.49, 0.00, 0.19
HSL	261°, 51%, 61%
HSV	261°, 49%, 81%
XYZ	27.0188, 20.1443, 60.8760
YIQ	126.9790, -11.5610, 38.8310

Conversions

Conversions Part 2

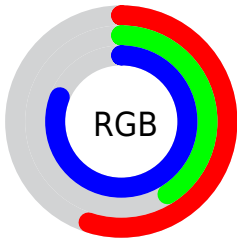
Format	Color
RYB	140, 105, 206
Decimal	9202126
CIELab	52.00, 35.66, -47.52
CIELCh	52, 59.411, 306.882
Yxy	20.1443, 0.2501, 0.1865
Android (android.graphics.Color)	4287392206 (0xFF8C69CE)
YUV	126.9790, 38.9574, 11.4194
Hunter-Lab	44.8824, 28.9110, -49.0000

Details

The CIELCh color $52, 59.411, 306.882$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $78, 53.750, 120.957$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 54.939, 307.725$, and $32, 59.076, 306.819$ is the 20% darker color. If you saturate the color by 10%, you get $46, 72.079, 307.685$, and if you desaturate by 10%, it is $58, 46.708, 306.084$.

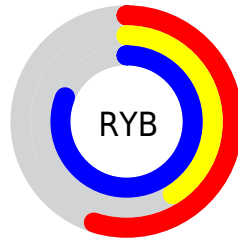
Distribution



Red (55%)

Green (41%)

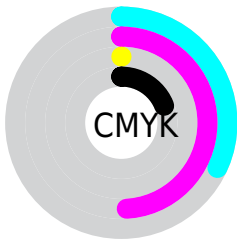
Blue (81%)



Red (55%)

Yellow (41%)

Blue (81%)

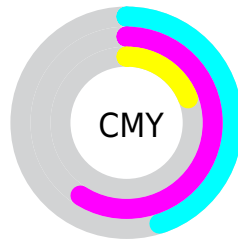


Cyan (32%)

Magenta (49%)

Yellow (0%)

Black (19%)



Cyan (45%)

Magenta (59%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 59.411, 306.882 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 52, 59.411, 306.882 by changing the saturation by 10% instead.

■ 52, 59.411,
306.882

■ 52, 59.411,
306.882

■ 100, 59.411,
306.882

■ 42, 59.411,
306.882

■ 72, 59.411,
306.882

■ 32, 59.411,
306.882

■ 82, 59.411,
306.882

■ 22, 59.411,
306.882

■ 92, 59.411,
306.882

■ 12, 59.411,
306.882

■ 2, 59.411, 306.882

■ 0, 59.411, 306.882

52, 59.411,
306.882

52, 59.411,
306.882

46, 72.079,
307.685

58, 46.708,
306.084

41, 84.251,
308.417

64, 34.219,
305.332

36, 95.156,
308.961

71, 22.065,
304.644

32, 103.723,
309.158

77, 10.293,
304.026

29, 109.260,
308.929

83, 1.085, 123.551

29, 109.753,
308.910

90, 12.073,
123.020

96, 22.688,
122.604

98, 24.893,
114.544

■ 99, 24.719,
108.303

Harmonies

Complementary

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



52, 59.411, 306.882



78, 53.750, 120.957

Rectangle

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



52, 59.411, 306.882



52, 59.411, 356.882



52, 59.411, 126.882



52, 59.411, 176.882

Sweetspot

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



52, 59.410, 306.882



89, 20.553, 304.399



67, 26.682, 242.780



46, 14.073, 304.534



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 59.410, 306.882



56, 85.688, 307.740



57, 62.446, 321.920



40, 6.423, 304.047



22, 93.187, 309.063



2, 23.994, 301.488

Inverse Universe

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



58, 51.055, 340.331



66, 71.036, 341.532



76, 61.560, 136.803



40, 5.910, 336.865



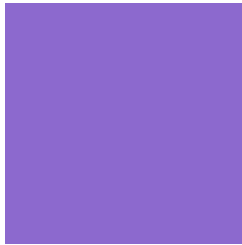
36, 65.127, 348.238



4, 21.932, 343.665

Previews

White Background



This preview shows how the CIELCh color 52, 59.411, 306.882 looks on a white background.

Color Contrast Check

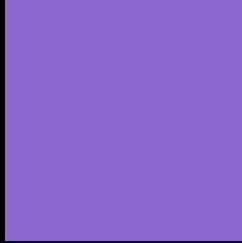
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 59.411, 306.882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

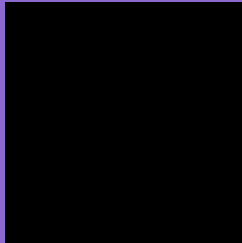
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 59.411, 306.882

Background



This preview shows how black text looks on a background with the CIELCh color 52, 59.411, 306.882.



This preview shows how white text looks on a background with the CIELCh color 52, 59.411, 306.882.

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


52, 59.411, 306.882

Protanopia

52, 58.116, 286.657

Deuteranopia

52, 45.550, 279.459



Tritanopia
52, 5.302, 299.285

Trichromacy



Original Color
52, 59.411, 306.882

Protanomaly
52, 58.480, 293.172

Deuteranomaly
52, 49.359, 289.952

Tritanomaly
52, 25.656, 304.439

Monochromacy



Original Color
52, 59.411, 306.882

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 22.101, 305.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 59.411, 306.882 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(140, 105, 206)` looks like.

```
.text, #text, p{  
    color:rgb(140, 105, 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(140, 105, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 105, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 59.411, 306.882 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(140, 105, 206) }
```

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

```
.border{ border-color:rgb(140, 105, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 105, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 105, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 105, 206);  
box-shadow:4px 4px 4px 4px rgb(140, 105,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 59.411, 306.882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 105, 206) }
```

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

```
.background{ background-color: rgb(140,  
105, 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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