

Converting Colors

CIELCh(59, 60.865, 309.197)

Have a look what the booklet for
CIELCh(59, 60.865, 309.197)
contains.

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Color

CIELCh(59, 60.936, 309.224)

Conversions

Conversions Part 1

Format	Color
Hex	A578E1
RGB	165, 120, 225
RGB Percent	65%, 47%, 88%
CMY	0.3513, 0.5279, 0.1160
CMYK	0.27, 0.47, 0.00, 0.12
HSL	266°, 64%, 68%
HSV	266°, 47%, 88%
XYZ	36.0136, 27.0277, 74.8555
YIQ	145.4250, -6.8850, 42.1950

Conversions

Conversions Part 2

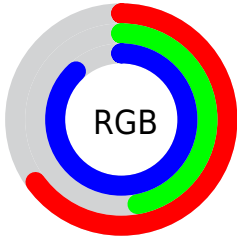
Format	Color
RYB	165, 120, 225
Decimal	10844385
CIELab	59.00, 38.53, -47.21
CIElCh	59, 60.936, 309.224
Yxy	27.0277, 0.2612, 0.1960
Android (android.graphics.Color)	4289034465 (0xFFA578E1)
YUV	145.4250, 39.2305, 17.1673
Hunter-Lab	51.9882, 32.6722, -48.9773

Details

The CIELCh color `59, 60.936, 309.224` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `85, 56.183, 124.269`, and the grayscale version is `60, 0.008, 296.813`.

A 20% lighter version of the original color is `78, 46.939, 313.845`, and `39, 60.893, 309.199` is the 20% darker color. If you saturate the color by 10%, you get `53, 74.396, 309.853`, and if you desaturate by 10%, it is `65, 47.371, 308.579`.

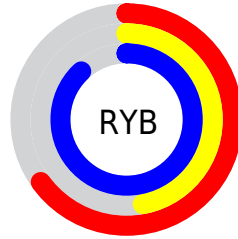
Distribution



Red (65%)

Green (47%)

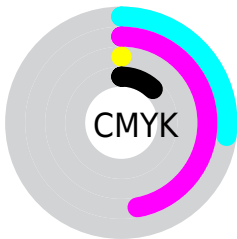
Blue (88%)



Red (65%)

Yellow (47%)

Blue (88%)

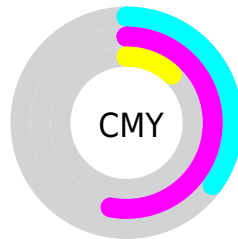


Cyan (27%)

Magenta (47%)

Yellow (0%)

Black (12%)



Cyan (35%)


Magenta (53%)

Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 60.936, 309.224 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, 60.936, 309.224 by changing the saturation by 10% instead.

 59, 60.936,
309.224


 59, 60.936,
309.224


 100, 60.936,
309.224

 49, 60.936,
309.224


 79, 60.936,
309.224

 39, 60.936,
309.224

 89, 60.936,
309.224

 29, 60.936,
309.224

 99, 60.936,
309.224

 19, 60.936,
309.224

 9, 60.936, 309.224

 0, 60.936, 309.224

59, 60.936,
309.224

59, 60.936,
309.224

53, 74.396,
309.853

65, 47.371,
308.579

47, 87.281,
310.399

72, 33.975,
307.957

42, 98.843,
310.765

79, 20.889,
307.377

38, 108.072,
310.817

85, 8.177, 306.844

92, 4.135, 126.411

35, 114.025,
310.430

98, 15.674,
125.536

34, 115.595,
310.258

99, 14.964,
109.047

Harmonies

Complementary

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



59, 60.936, 309.224



85, 56.183, 124.269

Rectangle

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



59, 60.936, 309.224



59, 60.936, 359.224



59, 60.936, 129.224



59, 60.936, 179.224

Sweetspot

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



59, 60.935, 309.224



90, 19.399, 307.239



71, 29.224, 253.887



46, 13.437, 307.358



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, 60.935, 309.224



60, 81.350, 309.840



65, 64.973, 324.391



44, 7.043, 306.991



26, 95.869, 310.438



3, 32.991, 307.629

Inverse Universe

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



64, 49.819, 344.406



67, 64.851, 345.712



82, 64.714, 138.933



44, 6.033, 340.697



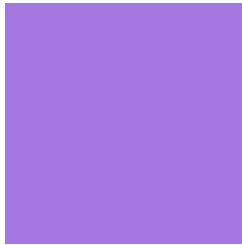
38, 65.429, 355.279



7, 27.282, 349.548

Previews

White Background



This preview shows how the CIELCh color 59, 60.936, 309.224 looks on a white background.

Color Contrast Check

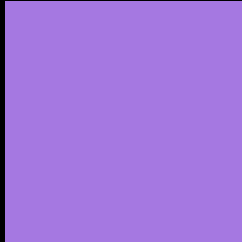
Large Text (above 18pt) WCAG AA ✓ Pass

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, 60.936, 309.224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

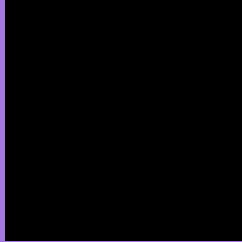
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 59, 60.936, 309.224

Background



This preview shows how black text looks on a background with the CIELCh color 59, 60.936, 309.224.




This preview shows how white text looks on a background with the CIELCh color 59, 60.936, 309.224.

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





Tritanopia
59, 8.046, 329.440

Trichromacy



Original Color
59, 60.936, 309.224



Protanomaly
59, 58.826, 293.826



Deuteranomaly
59, 50.417, 292.395



Tritanomaly
59, 27.078, 311.380

Monochromacy



Original Color
59, 60.936, 309.224



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 22.379, 307.384

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 60.936, 309.224 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(165, 120, 225)` looks like.

```
.text, #text, p{  
    color:rgb(165, 120, 225)  
}
```

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(165, 120, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 120, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 60.936, 309.224 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(165, 120, 225) }
```

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

```
.border{ border-color:rgb(165, 120, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 120, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 120, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 120, 225);  
box-shadow:4px 4px 4px 4px rgb(165, 120,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 60.936, 309.224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 120, 225) }
```

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

```
.background{ background-color: rgb(165,  
120, 225) }
```

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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