

Converting Colors

CIELCh(59, 24.106, 332.145)

Have a look what the booklet for
CIELCh(59, 24.106, 332.145)
contains.

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Color

CIELCh(59, 24.270, 331.854)

Conversions

Conversions Part 1

Format	Color
Hex	AA81A2
RGB	170, 129, 162
RGB Percent	67%, 51%, 64%
CMY	0.3316, 0.4925, 0.3630
CMYK	0.00, 0.24, 0.05, 0.33
HSL	312°, 20%, 59%
HSV	312°, 24%, 67%
XYZ	31.1359, 27.0277, 37.9576
YIQ	145.0210, 13.8430, 18.9550

Conversions

Conversions Part 2

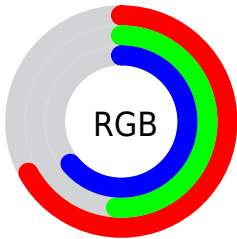
Format	Color
RYB	170, 129, 162
Decimal	11174306
CIELab	59.00, 21.40, -11.45
CIELCh	59, 24.270, 331.854
Yxy	27.0277, 0.3239, 0.2812
Android (android.graphics.Color)	4289364386 (0xFFAA81A2)
YUV	145.0210, 8.3706, 21.9066
Hunter-Lab	51.9882, 15.9247, -6.8970

Details

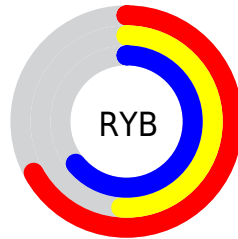
The CIELCh color $59, 24.270, 331.854$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $66, 24.169, 148.657$, and the grayscale version is $60, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 24.518, 331.916$, and $39, 24.228, 331.937$ is the 20% darker color. If you saturate the color by 10%, you get $55, 34.265, 332.519$, and if you desaturate by 10%, it is $63, 14.141, 331.206$.

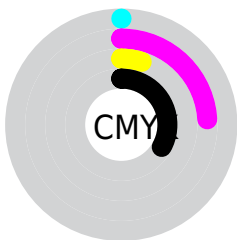
Distribution



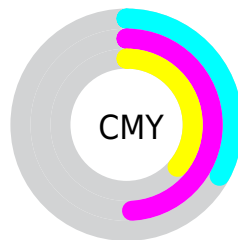
- Red (67%)
- Green (51%)
- Blue (64%)



- Red (67%)
- Yellow (51%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (5%)
- Black (33%)



- Cyan (33%)
- Magenta (49%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 24.270, 331.854 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, 24.270, 331.854 by changing the saturation by 10% instead.

 59, 24.270,
331.854

 59, 24.270,
331.854


 100, 24.270,
331.854

 49, 24.270,
331.854


 79, 24.270,
331.854

 39, 24.270,
331.854

 89, 24.270,
331.854

 29, 24.270,
331.854

 99, 24.270,
331.854

 19, 24.270,
331.854

 9, 24.270, 331.854

 0, 24.270, 331.854

59, 24.270,
331.854

59, 24.270,
331.854

55, 34.265,
332.519

63, 14.141,
331.206

51, 43.876,
333.203

68, 4.064, 330.540

47, 52.756,
333.908

73, 5.850, 150.061

44, 60.487,
334.641

77, 15.530,
149.465

42, 66.629,
335.417

82, 24.942,
148.919

40, 70.813,
336.259

87, 34.070,
148.404


39, 72.875,
337.202

92, 42.915,
147.918

39, 73.498,

93, 45.263,
148.587

337.797

 93, 43.944,
149.979

Harmonies

Complementary

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



59, 24.270, 331.854



66, 24.169, 148.657

Rectangle

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



59, 24.270, 331.854



59, 24.270, 21.854



59, 24.270, 151.854



59, 24.270, 201.854

Sweetspot

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



59, 24.268, 331.855



84, 8.683, 330.756



56, 23.730, 299.293



45, 5.689, 330.794



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



59, 24.268, 331.855



73, 36.217, 332.215



58, 17.880, 357.278



33, 5.615, 330.897



33, 66.332, 337.663



2, 9.752, 332.544

Inverse Universe

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



59, 24.268, 331.855



73, 36.217, 332.215



67, 16.753, 172.543



33, 5.615, 330.897



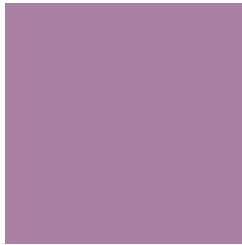
33, 66.332, 337.663



2, 9.752, 332.544

Previews

White Background



This preview shows how the CIELCh color 59, 24.270, 331.854 looks on a white background.

Color Contrast Check

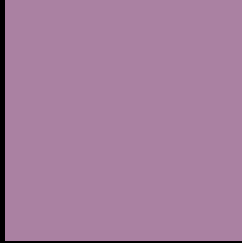
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 59, 24.270, 331.854 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, 24.270, 331.854

Background



This preview shows how black text looks on a background with the CIELCh color 59, 24.270, 331.854.



This preview shows how white text looks on a background with the CIELCh color 59, 24.270, 331.854.

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, 15.013, 359.048

Trichromacy



Original Color
59, 24.270, 331.854

Protanomaly
59, 17.660, 306.434

Deuteranomaly
59, 16.607, 318.557

Tritanomaly
59, 17.661, 346.310

Monochromacy



Original Color
59, 24.270, 331.854

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 8.960, 331.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 24.270, 331.854 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(170, 129, 162)` looks like.

```
.text, #text, p{  
    color:rgb(170, 129, 162)  
}
```

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(170, 129, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 129, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 24.270, 331.854 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(170, 129, 162) }
```

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

```
.border{ border-color:rgb(170, 129, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 129, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 129, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 129, 162);  
box-shadow:4px 4px 4px 4px rgb(170, 129,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 24.270, 331.854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 129, 162) }
```

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

```
.background{ background-color: rgb(170,  
129, 162) }
```

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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