

Converting Colors

CIELCh(42, 59.958, 328.553)

Have a look what the booklet for
CIELCh(42, 59.958, 328.553)
contains.

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Color

CIELCh(42, 59.551, 328.741)

Conversions

Conversions Part 1

Format	Color
Hex	9B3D97
RGB	155, 61, 151
RGB Percent	61%, 24%, 59%
CMY	0.3928, 0.7614, 0.4085
CMYK	0.00, 0.61, 0.03, 0.39
HSL	303°, 44%, 42%
HSV	303°, 61%, 61%
XYZ	20.7167, 12.5000, 30.5284
YIQ	99.3660, 27.1340, 47.9180

Conversions

Conversions Part 2

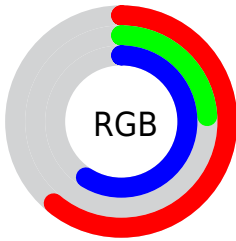
Format	Color
R_{YB}	155, 61, 151
Decimal	10173847
CIE _{Lab}	42.00, 50.91, -30.90
CIE _{LCh}	42, 59.551, 328.741
Yxy	12.5000, 0.3250, 0.1961
Android (android.graphics.Color)	4288363927 (0xFF9B3D97)
YUV	99.3660, 25.4556, 48.7910
Hunter-Lab	35.3553, 42.7215, -26.4466

Details

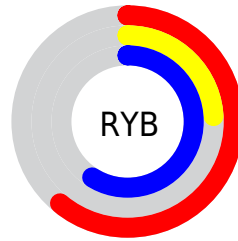
The CIELCh color $42, 59.551, 328.741$ is a dark color, and the websafe version is hex 993399 . A complement of this color would be $57, 60.312, 140.332$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $62, 59.887, 328.703$, and $23, 58.138, 328.607$ is the 20% darker color. If you saturate the color by 10%, you get $40, 66.573, 329.140$, and if you desaturate by 10%, it is $45, 51.145, 328.288$.

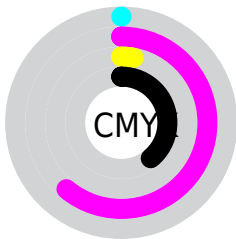
Distribution



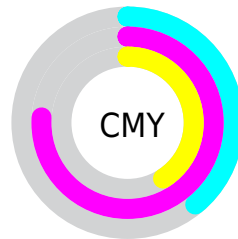
- Red (61%)
- Green (24%)
- Blue (59%)



- Red (61%)
- Yellow (24%)
- Blue (59%)



- Cyan (0%)
- Magenta (61%)
- Yellow (3%)
- Black (39%)





- Cyan (39%)
- Magenta (76%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 42, 59.551, 328.741 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 42, 59.551, 328.741 by changing the saturation by 10% instead.


 42, 59.551,
328.741


 42, 59.551,
328.741


 100, 59.551,
328.741


 32, 59.551,
328.741

 62, 59.551,
328.741


 22, 59.551,
328.741

 72, 59.551,
328.741

 12, 59.551,
328.741

 82, 59.551,
328.741

 2, 59.551, 328.741

 92, 59.551,
328.741

 0, 59.551, 328.741

 42, 59.551,

 42, 59.551,

328.741

40, 66.573,
329.140

38, 71.867,
329.477

37, 75.228,
329.754

36, 77.044,
329.972

328.741

45, 51.145,
328.288

48, 41.758,
327.792

52, 31.757,
327.265

55, 21.445,
326.719

59, 11.050,
326.161

64, 0.731, 325.334

68, 9.405, 145.127

72, 19.296,
144.600

■ 77, 28.907,
144.102

Harmonies

Complementary

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



42, 59.551, 328.741



57, 60.312, 140.332

Rectangle

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



42, 59.551, 328.741



42, 59.551, 18.741



42, 59.551, 148.741



42, 59.551, 198.741

Sweetspot

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



42, 59.549, 328.741



72, 23.089, 326.589



31, 59.080, 300.149



37, 16.180, 326.740



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



42, 59.549, 328.741



51, 83.570, 329.273



40, 44.141, 352.772



30, 5.771, 326.076



33, 71.695, 329.956



1, 6.181, 325.745

Inverse Universe

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



42, 59.549, 328.741



51, 83.570, 329.273



58, 41.169, 158.740



30, 5.771, 326.076



33, 71.695, 329.956



1, 6.181, 325.745

Previews

White Background



This preview shows how the CIE LCh color 42, 59.551, 328.741 looks on a white background.

Color Contrast Check

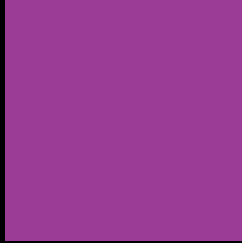
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 42, 59.551, 328.741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

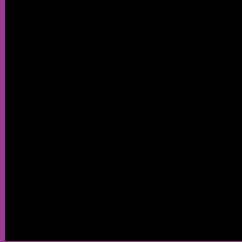
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 42, 59.551, 328.741

Background



This preview shows how black text looks on a background with the CIELCh color 42, 59.551, 328.741.



This preview shows how white text looks on a background with the CIELCh color 42, 59.551, 328.741.

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

42, 59.551, 328.741

Protanopia

42, 51.968, 286.583

Deuteranopia

42, 27.457, 282.456



Tritanopia
42, 30.507, 17.641

Trichromacy



Original Color
42, 59.551, 328.741

Protanomaly
41, 52.787, 299.840

Deuteranomaly
41, 37.953, 307.184

Tritanomaly
42, 37.639, 350.740

Monochromacy



Original Color
42, 59.551, 328.741

Achromatopsia
42, 0.006, 296.813

Achromatomaly
41, 24.055, 326.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 42, 59.551, 328.741 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(155, 61, 151)` looks like.

```
.text, #text, p{  
    color:rgb(155, 61, 151)  
}
```

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(155, 61, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 61, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 42, 59.551, 328.741 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(155, 61, 151) }
```

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

```
.border{ border-color:rgb(155, 61, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 61, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 61, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 61, 151);  
box-shadow:4px 4px 4px 4px rgb(155, 61,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 42, 59.551, 328.741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 61, 151) }
```

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

```
.background{ background-color: rgb(155, 61,  
151) }
```

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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