

Converting Colors

CIELCh(32, 59.723, 346.920)

Have a look what the booklet for
CIELCh(32, 59.723, 346.920)
contains.

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Color

CIELCh(32, 59.753, 346.671)

Conversions

Conversions Part 1

Format	Color
Hex	920362
RGB	146, 3, 98
RGB Percent	57%, 1%, 38%
CMY	0.4262, 0.9894, 0.6146
CMYK	0.00, 0.98, 0.33, 0.43
HSL	320°, 96%, 29%
HSV	320°, 98%, 57%
XYZ	14.1567, 7.0852, 12.2437
YIQ	56.5870, 54.7330, 59.8610

Conversions

Conversions Part 2

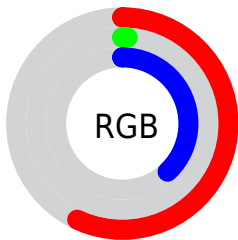
Format	Color
R_{YB}	146, 3, 98
Decimal	9569122
CIE _{Lab}	32.00, 58.14, -13.78
CIE _{LCh}	32, 59.753, 346.671
Yxy	7.0852, 0.4228, 0.2116
Android (android.graphics.Color)	4287759202 (0xFF920362)
YUV	56.5870, 20.4166, 78.4152
Hunter-Lab	26.6180, 48.3534, -8.6396

Details

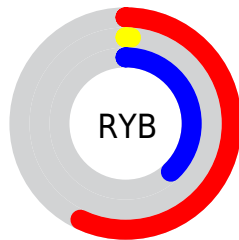
The CIELCh color **32, 59.753, 346.671** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **53, 66.938, 142.987**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 59.446, 346.684**, and **18, 40.804, 353.187** is the 20% darker color. If you saturate the color by 10%, you get **32, 59.959, 347.036**, and if you desaturate by 10%, it is **33, 58.500, 344.726**.

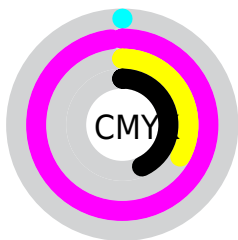
Distribution



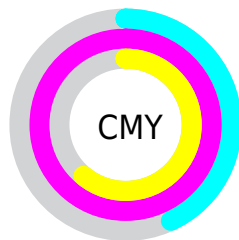
- Red (57%)
- Green (1%)
- Blue (38%)



- Red (57%)
- Yellow (1%)
- Blue (38%)



- Cyan (0%)
- Magenta (98%)
- Yellow (33%)
- Black (43%)





- Cyan (43%)
- Magenta (99%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 59.753, 346.671 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 32, 59.753, 346.671 by changing the saturation by 10% instead.


 32, 59.753,
346.671


 32, 59.753,
346.671

 100, 59.753,
346.671


 22, 59.753,
346.671

 52, 59.753,
346.671


 12, 59.753,
346.671


 62, 59.753,
346.671

 2, 59.753, 346.671

 72, 59.753,
346.671

 0, 59.753, 346.671

 82, 59.753,
346.671

 92, 59.753,
346.671

■ 32, 59.753,
346.671

■ 32, 59.753,
346.671

■ 32, 59.959,
347.036

■ 33, 58.500,
344.726

■ 35, 55.715,
343.086

■ 37, 51.228,
341.720

■ 39, 45.324,
340.552

■ 42, 38.377,
339.527

■ 46, 30.754,
338.606

■ 49, 22.763,
337.763

■ 53, 14.633,

336.979

■ 57, 6.526, 336.232

Harmonies

Complementary

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



32, 59.753, 346.671



53, 66.938, 142.987

Rectangle

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



32, 59.753, 346.671



32, 59.753, 36.671



32, 59.753, 166.671



32, 59.753, 216.671

Sweetspot

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



32, 59.750, 346.672



63, 29.171, 337.882



19, 84.152, 308.931



31, 20.160, 338.206



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



32, 59.750, 346.672



42, 72.768, 347.573



30, 61.262, 29.995



29, 4.566, 336.311



30, 57.428, 346.898



1, 3.962, 335.714

Inverse Universe

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



32, 59.750, 346.672



42, 72.768, 347.573



54, 38.974, 174.969



29, 4.566, 336.311



30, 57.428, 346.898



1, 3.962, 335.714

Previews

White Background



This preview shows how the CIELCh color 32, 59.753, 346.671 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 ✓ Pass

Black Background



This preview shows how the CIE LCh color 32, 59.753, 346.671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

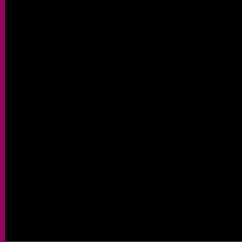
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 59.753, 346.671

Background



This preview shows how black text looks on a background with the CIELCh color 32, 59.753, 346.671.



This preview shows how white text looks on a background with the CIELCh color 32, 59.753, 346.671.

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

32, 59.595, 346.709

Protanopia

33, 40.391, 286.230

Deuteranopia

33, 10.193, 298.745



Tritanopia
33, 49.833, 29.976

Trichromacy



Original Color
32, 59.595, 346.709

Protanomaly
28, 49.451, 310.857

Deuteranomaly
29, 34.854, 332.512

Tritanomaly
32, 50.666, 11.806

Monochromacy



Original Color
32, 59.595, 346.709

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 30.640, 339.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 59.753, 346.671 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, 3, 98)` looks like.

```
.text, #text, p{  
    color:rgb(146, 3, 98)  
}
```

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, 3, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 3, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 59.753, 346.671 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, 3, 98) }
```

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

```
.border{ border-color:rgb(146, 3, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 3, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 3, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 3, 98);  
box-shadow:4px 4px 4px 4px rgb(146, 3, 98)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 59.753, 346.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 3, 98) }
```

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

```
.background{ background-color: rgb(146, 3,  
98) }
```

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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