

Converting Colors

CIELCh(34, 62.359, 349.506)

Have a look what the booklet for
CIELCh(34, 62.359, 349.506)
contains.

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Color

CIELCh(34, 62.072, 349.428)

Conversions

Conversions Part 1

Format	Color
Hex	9D0064
RGB	157, 0, 100
RGB Percent	62%, 0%, 39%
CMY	0.3862, 1.0000, 0.6094
CMYK	0.00, 1.00, 0.36, 0.39
HSL	322°, 100%, 31%
HSV	322°, 100%, 61%
XYZ	16.0798, 8.0082, 12.6519
YIQ	58.3430, 61.4720, 64.3840

Conversions

Conversions Part 2

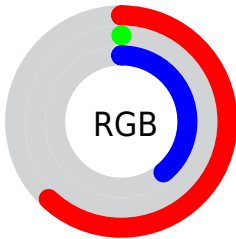
Format	Color
R_{YB}	157, 0, 100
Decimal	10289252
CIE _{Lab}	34.00, 61.02, -11.39
CIE _{LCh}	34, 62.072, 349.428
Yxy	8.0082, 0.4377, 0.2180
Android (android.graphics.Color)	4288479332 (0xFF9D0064)
YUV	58.3430, 20.5369, 86.5222
Hunter-Lab	28.2988, 51.9036, -6.6984

Details

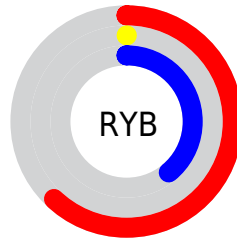
The CIELCh color **34, 62.072, 349.428** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **56, 69.705, 143.566**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **54, 62.205, 349.387**, and **20, 43.244, 356.743** is the 20% darker color. If you saturate the color by 10%, you get **34, 61.915, 349.472**, and if you desaturate by 10%, it is **35, 60.859, 347.191**.

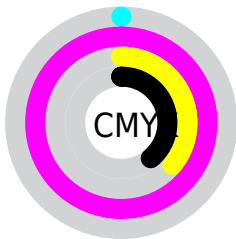
Distribution



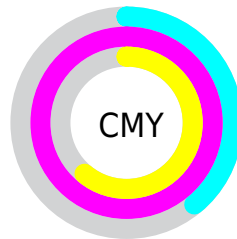
- Red (62%)
- Green (0%)
- Blue (39%)



- Red (62%)
- Yellow (0%)
- Blue (39%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (39%)




- Cyan (39%)
- Magenta (100%)
- Yellow (61%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 34, 62.072, 349.428 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 34, 62.072, 349.428 by changing the saturation by 10% instead.

 34, 62.072,
349.428

 34, 62.072,
349.428

 100, 62.072,
349.428

 24, 62.072,
349.428

 54, 62.072,
349.428

 14, 62.072,
349.428

 64, 62.072,
349.428

 4, 62.072, 349.428

 74, 62.072,
349.428

 0, 62.072, 349.428

 84, 62.072,
349.428

 94, 62.072,
349.428

■ 34, 62.072,
349.428

■ 34, 62.072,
349.428

■ 34, 61.915,
349.472

■ 35, 60.859,
347.191

■ 36, 58.379,
345.253

■ 39, 54.078,
343.666

■ 41, 48.216,
342.338

■ 44, 41.182,
341.195

■ 48, 33.373,
340.186

■ 52, 25.130,
339.276

■ 56, 16.711,

338.441

■ 60, 8.297, 337.658

Harmonies

Complementary

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



34, 62.072, 349.428



56, 69.705, 143.566

Rectangle

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



34, 62.072, 349.428



34, 62.072, 39.428



34, 62.072, 169.428



34, 62.072, 219.428

Sweetspot

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



34, 61.915, 349.472



66, 31.182, 339.327



21, 89.231, 309.163



33, 21.208, 339.674



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



34, 61.915, 349.472



45, 75.080, 350.045



32, 66.239, 32.247



31, 4.727, 337.600



31, 57.984, 349.243



1, 5.991, 338.465

Inverse Universe

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



34, 61.915, 349.472



45, 75.080, 350.045



58, 40.456, 176.441



31, 4.727, 337.600



31, 57.984, 349.243



1, 5.991, 338.465

Previews

White Background



This preview shows how the CIE LCh color 34, 62.072, 349.428 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 34, 62.072, 349.428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

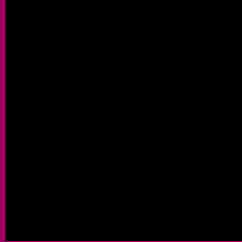
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 34, 62.072, 349.428

Background



This preview shows how black text looks on a background with the CIELCh color 34, 62.072, 349.428.

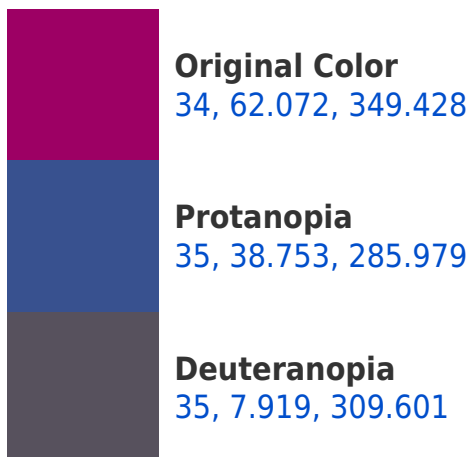


This preview shows how white text looks on a background with the CIELCh color 34, 62.072, 349.428.

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
35, 54.273, 30.282

Trichromacy



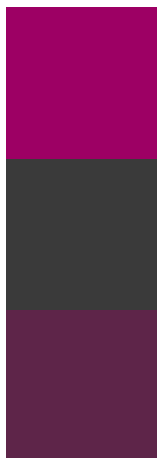
Original Color
34, 62.072, 349.428

Protanomaly
30, 48.843, 313.334

Deuteranomaly
31, 35.182, 337.489

Tritanomaly
34, 54.292, 13.589

Monochromacy



Original Color
34, 62.072, 349.428

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 32.211, 342.289

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 62.072, 349.428 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(157, 0, 100)` looks like.

```
.text, #text, p{  
    color:rgb(157, 0, 100)  
}
```

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(157, 0, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 0, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 62.072, 349.428 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(157, 0, 100) }
```

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

```
.border{ border-color:rgb(157, 0, 100) }
```

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

Here you see how a box with a 4 pixel rgb(157, 0, 100) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 0, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 0, 100);  
box-shadow:4px 4px 4px 4px rgb(157, 0,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 34, 62.072, 349.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 0, 100) }
```

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

```
.background{ background-color: rgb(157, 0,  
100) }
```

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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