

Converting Colors

CIELCh(35, 56.516, 349.479)

Have a look what the booklet for
CIELCh(35, 56.516, 349.479)
contains.

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Color

CIELCh(35, 56.396, 349.509)

Conversions

Conversions Part 1

Format	Color
Hex	991B64
RGB	153, 27, 100
RGB Percent	60%, 11%, 39%
CMY	0.3995, 0.8934, 0.6074
CMYK	0.00, 0.82, 0.35, 0.40
HSL	325°, 70%, 35%
HSV	325°, 82%, 60%
XYZ	15.8619, 8.4984, 12.8884
YIQ	72.9960, 51.6630, 49.4150

Conversions

Conversions Part 2

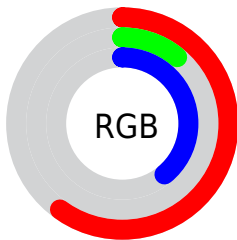
Format	Color
RYB	153, 27, 100
Decimal	10034020
CIELab	35.00, 55.45, -10.27
CIElCh	35, 56.396, 349.509
Yxy	8.4984, 0.4258, 0.2282
Android (android.graphics.Color)	4288224100 (0xFF991B64)
YUV	72.9960, 13.3130, 70.1635
Hunter-Lab	29.1520, 46.1080, -5.8064

Details

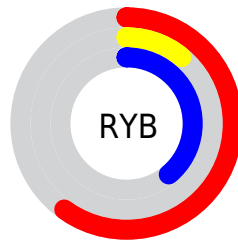
The CIELCh color **35, 56.396, 349.509** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **56, 57.391, 149.463**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **55, 56.345, 349.420**, and **19, 42.587, 355.208** is the 20% darker color. If you saturate the color by 10%, you get **34, 58.480, 351.999**, and if you desaturate by 10%, it is **37, 52.568, 347.510**.

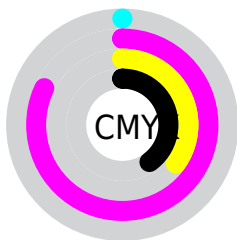
Distribution



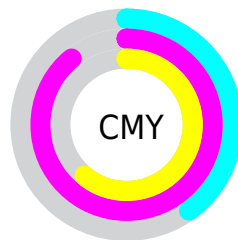
- Red (60%)
- Green (11%)
- Blue (39%)



- Red (60%)
- Yellow (11%)
- Blue (39%)



- Cyan (0%)
- Magenta (82%)
- Yellow (35%)
- Black (40%)





- Cyan (40%)
- Magenta (89%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 35, 56.396, 349.509 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 35, 56.396, 349.509 by changing the saturation by 10% instead.


 35, 56.396,
349.509


 35, 56.396,
349.509

 100, 56.396,
349.509


 25, 56.396,
349.509

 55, 56.396,
349.509


 15, 56.396,
349.509


 65, 56.396,
349.509

 5, 56.396, 349.509

 75, 56.396,
349.509

 0, 56.396, 349.509

 85, 56.396,
349.509

 95, 56.396,
349.509

■ 35, 56.396,
349.509

■ 35, 56.396,
349.509

■ 34, 58.480,
351.999

■ 37, 52.568,
347.510

■ 33, 59.344,
354.192

■ 40, 47.207,
345.878

■ 43, 40.667,
344.512

■ 46, 33.336,
343.338

■ 50, 25.554,
342.305

■ 54, 17.584,
341.378

■ 58, 9.610, 340.526

■ 62, 1.751, 339.614

Harmonies

Complementary

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



35, 56.396, 349.509



56, 57.391, 149.463

Rectangle

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



35, 56.396, 349.509



35, 56.396, 39.509



35, 56.396, 169.509



35, 56.396, 219.509

Sweetspot

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



35, 56.393, 349.510



67, 24.486, 341.669



26, 76.870, 310.547



33, 16.678, 341.966



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



35, 56.393, 349.510



43, 71.715, 354.600



33, 57.734, 28.812



30, 4.418, 340.277



30, 55.730, 353.914



1, 4.699, 340.092

Inverse Universe

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



35, 56.393, 349.510



43, 71.715, 354.600



57, 34.722, 186.262



30, 4.418, 340.277



30, 55.730, 353.914



1, 4.699, 340.092

Previews

White Background



This preview shows how the CIE LCh color 35, 56.396, 349.509 looks on a white background.

Color Contrast Check

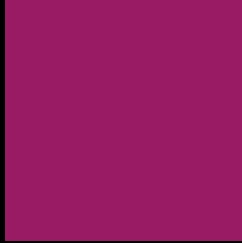
Large Text (above 18pt) WCAG AA ✓ Pass

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 35, 56.396, 349.509 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 35, 56.396, 349.509

Background



This preview shows how black text looks on a background with the CIELCh color 35, 56.396, 349.509.



This preview shows how white text looks on a background with the CIELCh color 35, 56.396, 349.509.

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

35, 56.396, 349.509

Protanopia

36, 34.358, 285.626

Deuteranopia

36, 7.782, 306.692



Tritanopia
35, 49.435, 28.433

Trichromacy



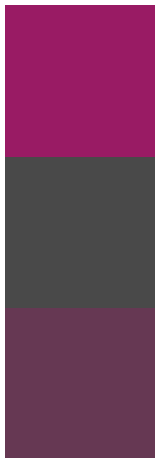
Original Color
35, 56.396, 349.509

Protanomaly
33, 40.536, 312.500

Deuteranomaly
33, 28.785, 337.719

Tritanomaly
35, 49.107, 12.797

Monochromacy



Original Color
35, 56.396, 349.509

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 25.598, 343.029

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 56.396, 349.509 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(153, 27, 100)` looks like.

```
.text, #text, p{  
    color:rgb(153, 27, 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(153, 27, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 27, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 56.396, 349.509 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(153, 27, 100) }
```

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

```
.border{ border-color:rgb(153, 27, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 27, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 27, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 27, 100);  
box-shadow:4px 4px 4px 4px rgb(153, 27,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 56.396, 349.509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 27, 100) }
```

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

```
.background{ background-color: rgb(153, 27,  
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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