

Converting Colors

CIELCh(35, 59.121, 10.909)

Have a look what the booklet for
CIELCh(35, 59.121, 10.909) contains.

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Color

CIELCh(35, 59.014, 11.119)

Conversions

Conversions Part 1

Format	Color
Hex	A30D43
RGB	163, 13, 67
RGB Percent	64%, 5%, 26%
CMY	0.3603, 0.9480, 0.7369
CMYK	0.00, 0.92, 0.59, 0.36
HSL	338°, 85%, 35%
HSV	338°, 92%, 64%
XYZ	16.2898, 8.4984, 6.1054
YIQ	64.0060, 72.0660, 48.5940

Conversions

Conversions Part 2

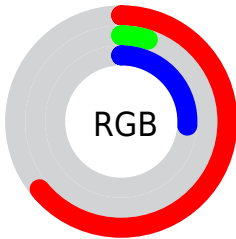
Format	Color
RYB	163, 13, 67
Decimal	10685763
CIELab	35.00, 57.91, 11.38
CIElCh	35, 59.014, 11.119
Yxy	8.4984, 0.5273, 0.2751
Android (android.graphics.Color)	4288875843 (0xFFA30D43)
YUV	64.0060, 1.4760, 86.8177
Hunter-Lab	29.1520, 48.7275, 7.9892

Details

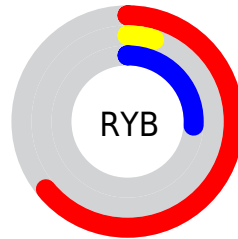
The CIELCh color **35, 59.014, 11.119** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **59, 51.751, 159.410**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 58.865, 10.799**, and **20, 45.823, 22.909** is the 20% darker color. If you saturate the color by 10%, you get **34, 61.204, 15.029**, and if you desaturate by 10%, it is **36, 55.660, 6.843**.

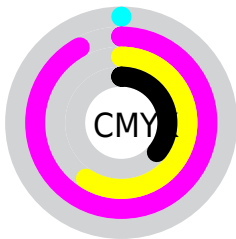
Distribution



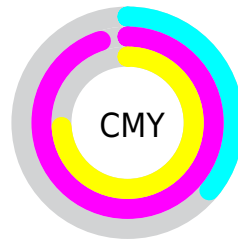
- Red (64%)
- Green (5%)
- Blue (26%)



- Red (64%)
- Yellow (5%)
- Blue (26%)



- Cyan (0%)
- Magenta (92%)
- Yellow (59%)
- Black (36%)



- Cyan (36%)
- Magenta (95%)
- Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 35, 59.014, 11.119 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, 59.014, 11.119 by changing the saturation by 10% instead.

 35, 59.014, 11.119

 35, 59.014, 11.119

 100, 59.014,
11.119

 25, 59.014, 11.119

 55, 59.014, 11.119

 15, 59.014, 11.119

 65, 59.014, 11.119

 5, 59.014, 11.119

 75, 59.014, 11.119

 0, 59.014, 11.119

 85, 59.014, 11.119

 95, 59.014, 11.119

 35, 59.014, 11.119

 35, 59.014, 11.119

 34, 61.204, 15.029

 36, 55.660, 6.843

■ 39, 50.992, 3.429

■ 41, 45.123, 0.729

■ 45, 38.360,
358.575

■ 49, 31.052,
356.823

■ 53, 23.505,
355.368

■ 57, 15.946,
354.129

■ 62, 8.524, 353.043

■ 66, 1.326, 351.859

Harmonies

Complementary

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



35, 59.014, 11.119



59, 51.751, 159.410

Rectangle

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



35, 59.014, 11.119



35, 59.014, 61.119



35, 59.014, 191.119



35, 59.014, 241.119

Sweetspot

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



35, 59.011, 11.121



69, 25.440, 354.931



30, 83.823, 315.871



34, 17.774, 355.472



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



35, 59.011, 11.121



45, 74.557, 16.148



36, 67.407, 40.620



32, 4.044, 352.775



30, 56.147, 14.446



1, 6.076, 354.220

Inverse Universe

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



35, 59.011, 11.121



45, 74.557, 16.148



54, 30.986, 219.003



32, 4.044, 352.775



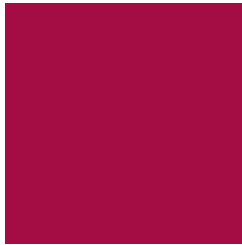
30, 56.147, 14.446



1, 6.076, 354.220

Previews

White Background



This preview shows how the CIE LCh color 35, 59.014, 11.119 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, 59.014, 11.119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

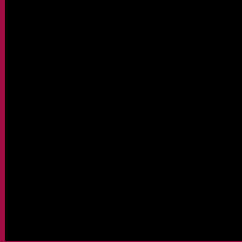
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 35, 59.014, 11.119

Background



This preview shows how black text looks on a background with the CIELCh color 35, 59.014, 11.119.



This preview shows how white text looks on a background with the CIELCh color 35, 59.014, 11.119.

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, 63.633, 34.591

Trichromacy



Original Color
35, 59.014, 11.119

Protanomaly
32, 27.980, 346.649

Deuteranomaly
33, 31.389, 17.961

Tritanomaly
35, 60.903, 26.732

Monochromacy



Original Color
35, 59.014, 11.119

Achromatopsia
27, 0.004, 296.813

Achromatomaly
27, 26.682, 359.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 35, 59.014, 11.119 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(163, 13, 67)` looks like.

```
.text, #text, p{  
    color:rgb(163, 13, 67)  
}
```

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(163, 13, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 13, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 35, 59.014, 11.119 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(163, 13, 67) }
```

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

```
.border{ border-color:rgb(163, 13, 67) }
```

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

Here you see how a box with a 4 pixel rgb(163, 13, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 13, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 13, 67);  
box-shadow:4px 4px 4px 4px rgb(163, 13,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 35, 59.014, 11.119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 13, 67) }
```

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

```
.background{ background-color: rgb(163, 13,  
67) }
```

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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