

Converting Colors

CIELCh(33, 115.479, 310.035)

Have a look what the booklet for
CIELCh(33, 115.479, 310.035)
contains.

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Color

CIELCh(33, 115.034, 309.963)

Conversions

Conversions Part 1

Format	Color
Hex	5C00DF
RGB	92, 0, 223
RGB Percent	36%, 0%, 87%
CMY	0.6411, 1.0000, 0.1271
CMYK	0.59, 1.00, 0.00, 0.13
HSL	265°, 100%, 44%
HSV	265°, 100%, 87%
XYZ	17.6192, 7.5373, 70.0458
YIQ	52.9300, -16.7510, 88.8570

Conversions

Conversions Part 2

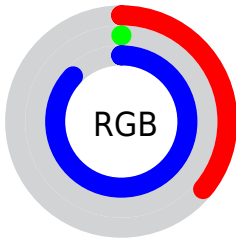
Format	Color
R _Y B	92, 0, 223
Decimal	6029535
CIE Lab	33.00, 73.89, -88.17
CIE LCh	33, 115.034, 309.963
Yxy	7.5373, 0.1851, 0.0792
Android (android.graphics.Color)	4284219615 (0xFF5C00DF)
YUV	52.9300, 83.8445, 34.2644
Hunter-Lab	27.4541, 66.5110, -132.0534

Details

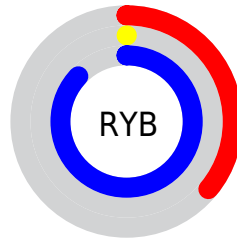
The CIELCh color **33, 115.034, 309.963** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **80, 95.759, 124.995**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **51, 102.046, 311.379**, and **19, 97.038, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **33, 114.905, 309.938**, and if you desaturate by 10%, it is **36, 109.735, 310.377**.

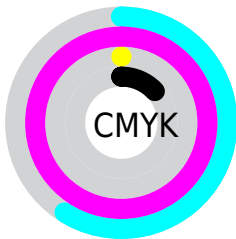
Distribution



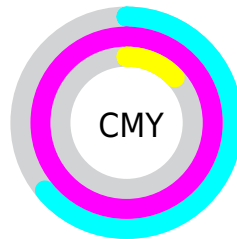
- Red (36%)
- Green (0%)
- Blue (87%)



- Red (36%)
- Yellow (0%)
- Blue (87%)



- Cyan (59%)
- Magenta (100%)
- Yellow (0%)
- Black (13%)





- Cyan (64%)
- Magenta (100%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 33, 115.034, 309.963 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 33, 115.034, 309.963 by changing the saturation by 10% instead.


 33, 115.034,
309.963


 33, 115.034,
309.963


 100, 115.034,
309.963


 23, 115.034,
309.963


 53, 115.034,
309.963


 13, 115.034,
309.963


 63, 115.034,
309.963

 3, 115.034,
309.963

 73, 115.034,
309.963

 0, 115.034,
309.963

 83, 115.034,
309.963

 93, 115.034,
309.963

■ 33, 115.034,
309.963

■ 33, 115.034,
309.963

■ 33, 114.905,
309.938

■ 36, 109.735,
310.377

■ 40, 101.479,
310.419

■ 44, 90.566,
310.098

■ 50, 78.061,
309.557

■ 56, 64.808,
308.910

■ 62, 51.356,
308.235

■ 69, 38.022,
307.577

■ 75, 24.975,

306.962

■ 82, 12.294,
306.399

Harmonies

Complementary

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



33, 115.034, 309.963



80, 95.759, 124.995

Rectangle

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



33, 115.034, 309.963



33, 115.034, 359.963



33, 115.034, 129.963



33, 115.034, 179.963

Sweetspot

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



33, 114.905, 309.938



78, 42.469, 307.592



54, 53.693, 273.012



38, 29.142, 307.867



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



33, 114.905, 309.938



38, 127.451, 309.857



49, 105.001, 324.310



44, 7.021, 306.369



25, 96.217, 310.107



3, 32.877, 306.979

Inverse Universe

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



49, 78.325, 354.301



56, 86.689, 354.579



78, 107.499, 135.619



44, 6.107, 339.841



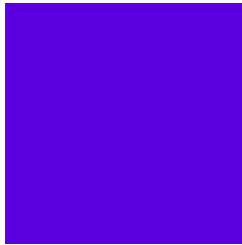
38, 65.884, 353.737



7, 27.529, 348.343

Previews

White Background



This preview shows how the CIELCh color 33, 115.034, 309.963 looks on a white background.

Color Contrast Check

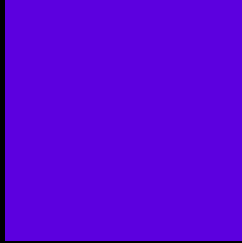
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 33, 115.034, 309.963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

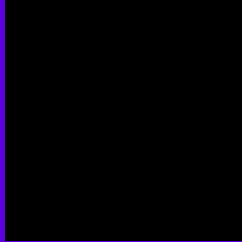
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 33, 115.034, 309.963

Background



This preview shows how black text looks on a background with the CIELCh color 33, 115.034, 309.963.



This preview shows how white text looks on a background with the CIELCh color 33, 115.034, 309.963.

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

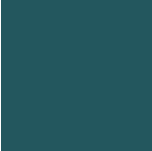
33, 115.034, 309.963

Protanopia

34, 52.900, 285.636

Deuteranopia

34, 36.520, 271.201



Tritanopia
34, 17.508, 211.940

Trichromacy



Original Color
33, 115.034, 309.963

Protanomaly
29, 83.388, 301.117

Deuteranomaly
28, 73.232, 299.336

Tritanomaly
28, 55.005, 299.663

Monochromacy



Original Color
33, 115.034, 309.963

Achromatopsia
22, 0.004, 296.813

Achromatomaly
22, 53.325, 309.841

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 33, 115.034, 309.963 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(92, 0, 223)` looks like.

```
.text, #text, p{  
    color:rgb(92, 0, 223)  
}
```

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(92, 0, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 0, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 33, 115.034, 309.963 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(92, 0, 223) }
```

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

```
.border{ border-color:rgb(92, 0, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 0, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 0, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 0, 223);  
box-shadow:4px 4px 4px 4px rgb(92, 0, 223)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 33, 115.034, 309.963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 0, 223) }
```

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

```
.background{ background-color: rgb(92, 0,  
223) }
```

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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