

Converting Colors

CIELCh(33, 124.168, 305.615)

Have a look what the booklet for
CIELCh(33, 124.168, 305.615)
contains.

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Color

CIELCh(33, 124.151, 305.592)

Conversions

Conversions Part 1

Format	Color
Hex	1D19F5
RGB	29, 25, 245
RGB Percent	11%, 10%, 96%
CMY	0.8843, 0.9028, 0.0399
CMYK	0.88, 0.90, 0.00, 0.04
HSL	241°, 92%, 53%
HSV	241°, 90%, 96%
XYZ	17.3190, 7.5373, 86.7923
YIQ	51.2760, -68.2360, 69.2680

Conversions

Conversions Part 2

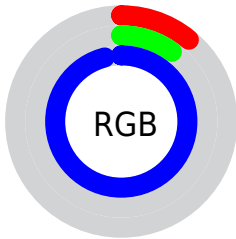
Format	Color
R_{YB}	29, 25, 245
Decimal	1907189
CIE Lab	33.00, 72.26, -100.96
CIE LCh	33, 124.151, 305.592
Yxy	7.5373, 0.1551, 0.0675
Android (android.graphics.Color)	4280097269 (0xFF1D19F5)
YUV	51.2760, 95.5059, -19.5361
Hunter-Lab	27.4541, 64.5591, -168.2192

Details

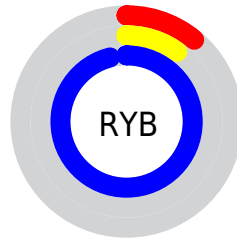
The CIELCh color **33, 124.151, 305.592** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **93, 91.759, 104.254**, and the grayscale version is **21, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 99.598, 305.999**, and **22, 105.992, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **31, 129.602, 306.323**, and if you desaturate by 10%, it is **37, 113.820, 304.174**.

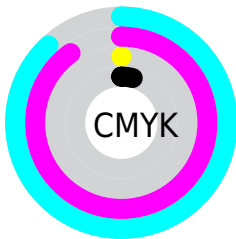
Distribution



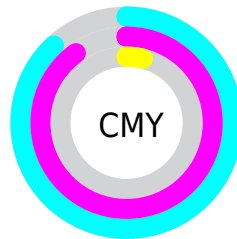
- Red (11%)
- Green (10%)
- Blue (96%)



- Red (11%)
- Yellow (10%)
- Blue (96%)



- Cyan (88%)
- Magenta (90%)
- Yellow (0%)
- Black (4%)




- Cyan (88%)
- Magenta (90%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 33, 124.151, 305.592 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, 124.151, 305.592 by changing the saturation by 10% instead.


 33, 124.151,
305.592


 33, 124.151,
305.592


 100, 124.151,
305.592


 23, 124.151,
305.592


 53, 124.151,
305.592


 13, 124.151,
305.592


 63, 124.151,
305.592

 3, 124.151,
305.592

 73, 124.151,
305.592

 0, 124.151,
305.592

 83, 124.151,
305.592

 93, 124.151,
305.592

■ 33, 124.151,
305.592

■ 33, 124.151,
305.592

■ 31, 129.602,
306.323

■ 37, 113.820,
304.174

■ 31, 129.659,
306.331

■ 43, 100.008,
302.236

■ 50, 84.759,
300.118

■ 57, 69.330,
298.066

■ 65, 54.282,
296.208

■ 73, 39.802,
294.585

■ 81, 25.923,
293.195

■ 89, 12.619,

292.015

■ 97, 0.149, 110.567

Harmonies

Complementary

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



33, 124.151, 305.592



93, 91.759, 104.254

Rectangle

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



33, 124.151, 305.592



33, 124.151, 355.592



33, 124.151, 125.592



33, 124.151, 175.592

Sweetspot

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



33, 124.153, 305.593



78, 36.958, 294.171



87, 46.879, 198.856



38, 25.087, 294.677



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, 124.153, 305.593



32, 133.723, 306.329



42, 116.009, 312.735



47, 7.258, 291.973



22, 105.525, 306.350



3, 39.964, 300.264

Inverse Universe

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



58, 108.174, 328.971



60, 113.614, 329.116



87, 102.697, 127.747



48, 8.633, 325.521



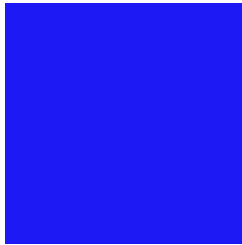
44, 89.715, 329.099



11, 39.977, 328.982

Previews

White Background



This preview shows how the CIE LCh color 33, 124.151, 305.592 looks on a white background.

Color Contrast Check

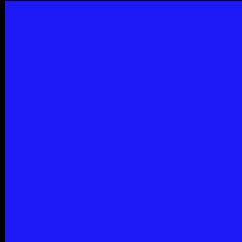
Large Text (above 18pt) WCAG AA ✓ Pass

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, 124.151, 305.592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

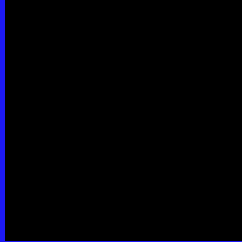
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 33, 124.151, 305.592

Background



This preview shows how black text looks on a background with the CIELCh color 33, 124.151, 305.592.



This preview shows how white text looks on a background with the CIELCh color 33, 124.151, 305.592.

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, 124.184, 305.571

Protanopia

32, 51.947, 285.871

Deuteranopia

33, 34.939, 269.950



Tritanopia
33, 22.157, 203.162

Trichromacy



Original Color
33, 124.184, 305.571

Protanomaly
31, 82.117, 298.788

Deuteranomaly
30, 71.106, 296.036

Tritanomaly
29, 52.601, 289.402

Monochromacy



Original Color
33, 124.184, 305.571

Achromatopsia
21, 0.004, 296.813

Achromatomaly
22, 52.894, 300.773

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 33, 124.151, 305.592 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(29, 25, 245)` looks like.

```
.text, #text, p{  
    color:rgb(29, 25, 245)  
}
```

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(29, 25, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 25, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 33, 124.151, 305.592 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(29, 25, 245) }
```

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

```
.border{ border-color:rgb(29, 25, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 25, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 25, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 25, 245);  
box-shadow:4px 4px 4px 4px rgb(29, 25,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 33, 124.151, 305.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 25, 245) }
```

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

```
.background{ background-color: rgb(29, 25,  
245) }
```

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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