

Converting Colors

CIELCh(33, 124.472, 305.566)

Have a look what the booklet for
CIELCh(33, 124.472, 305.566)
contains.

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Color

CIELCh(33, 124.217, 305.550)

Conversions

Conversions Part 1

Format	Color
Hex	1C19F5
RGB	28, 25, 245
RGB Percent	11%, 10%, 96%
CMY	0.8899, 0.9019, 0.0391
CMYK	0.89, 0.90, 0.00, 0.04
HSL	241°, 92%, 53%
HSV	241°, 90%, 96%
XYZ	17.3124, 7.5373, 86.9421
YIQ	50.9770, -68.8320, 69.0560

Conversions

Conversions Part 2

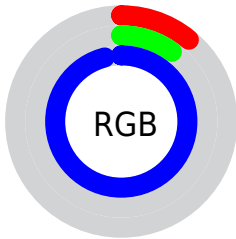
Format	Color
R_{YB}	28, 25, 245
Decimal	1841653
CIE _{Lab}	33.00, 72.22, -101.06
CIE _{LCh}	33, 124.217, 305.550
Yxy	7.5373, 0.1549, 0.0674
Android (android.graphics.Color)	4280031733 (0xFF1C19F5)
YUV	50.9770, 95.6533, -20.1508
Hunter-Lab	27.4541, 64.5166, -168.5428

Details

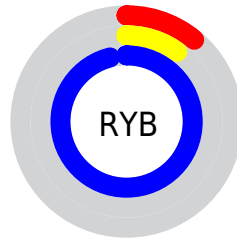
The CIELCh color **33, 124.217, 305.550** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **94, 91.771, 103.830**, and the grayscale version is **21, 0.004, 296.813**.

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, 129.675, 306.303**, and if you desaturate by 10%, it is **37, 113.850, 304.095**.

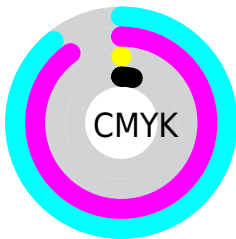
Distribution



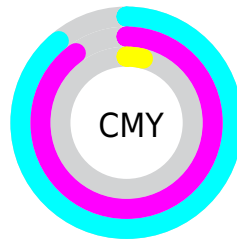
- Red (11%)
- Green (10%)
- Blue (96%)



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



- Cyan (89%)
- Magenta (90%)
- Yellow (0%)
- Black (4%)





- Cyan (89%)
- Magenta (90%)
- Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 33, 124.217, 305.550 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, 124.217, 305.550 by changing the saturation by 10% instead.


 33, 124.217,
305.550


 33, 124.217,
305.550


 100, 124.217,
305.550


 23, 124.217,
305.550


 53, 124.217,
305.550


 13, 124.217,
305.550


 63, 124.217,
305.550

 3, 124.217,
305.550

 73, 124.217,
305.550

 0, 124.217,
305.550

 83, 124.217,
305.550

 93, 124.217,
305.550

■ 33, 124.217,
305.550

■ 33, 124.217,
305.550

■ 31, 129.675,
306.303

■ 37, 113.850,
304.095

■ 31, 129.766,
306.316

■ 43, 99.994,
302.115

■ 50, 84.711,
299.956

■ 57, 69.260,
297.869

■ 65, 54.199,
295.981

■ 73, 39.712,
294.334

■ 81, 25.830,
292.924

■ 89, 12.523,

291.730

■ 97, 0.247, 110.432

Harmonies

Complementary

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



33, 124.217, 305.550



94, 91.771, 103.830

Rectangle

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



33, 124.217, 305.550



33, 124.217, 355.550



33, 124.217, 125.550



33, 124.217, 175.550

Sweetspot

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



33, 124.219, 305.551



78, 36.955, 293.925



88, 47.944, 196.426



38, 25.085, 294.439



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, 124.219, 305.551



32, 133.755, 306.315



42, 116.366, 312.335



47, 7.257, 291.696



22, 105.562, 306.328



3, 39.943, 300.094

Inverse Universe

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



59, 108.801, 328.689



60, 114.283, 328.807



87, 102.188, 127.187



48, 8.676, 325.321



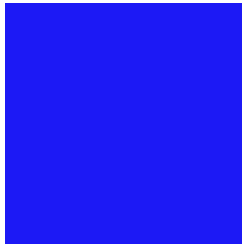
44, 90.234, 328.796



11, 40.177, 328.721

Previews

White Background



This preview shows how the CIELCh color 33, 124.217, 305.550 looks on a white background.

Color Contrast Check

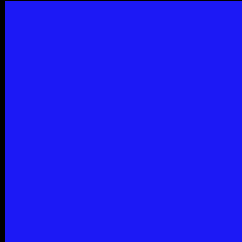
Large Text (above 18pt) WCAG AA ✓ Pass

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, 124.217, 305.550 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, 124.217, 305.550

Background



This preview shows how black text looks on a background with the CIELCh color 33, 124.217, 305.550.



This preview shows how white text looks on a background with the CIELCh color 33, 124.217, 305.550.

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, 124.217, 305.550

Protanopia

32, 51.947, 285.871

Deuteranopia

33, 34.939, 269.950



Tritanopia
33, 22.157, 203.162

Trichromacy



Original Color
33, 124.217, 305.550

Protanomaly
31, 82.126, 298.761

Deuteranomaly
30, 71.114, 296.000

Tritanomaly
29, 52.611, 289.338

Monochromacy



Original Color
33, 124.217, 305.550

Achromatopsia
21, 0.004, 296.813

Achromatomaly
22, 52.808, 300.444

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 33, 124.217, 305.550 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(28, 25, 245)` looks like.

```
.text, #text, p{  
    color:rgb(28, 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(28, 25, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 25, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 33, 124.217, 305.550 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(28, 25, 245) }
```

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

```
.border{ border-color:rgb(28, 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(28, 25, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 25, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 25, 245);  
box-shadow:4px 4px 4px 4px rgb(28, 25,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 33, 124.217, 305.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 25, 245) }
```

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

```
.background{ background-color: rgb(28, 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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