

Converting Colors

CIELCh(32, 123.800, 306.529)

Have a look what the booklet for
CIELCh(32, 123.800, 306.529)
contains.

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Color

CIELCh(32, 123.626, 306.541)

Conversions

Conversions Part 1

Format	Color
Hex	2C0EEF
RGB	44, 14, 239
RGB Percent	17%, 5%, 94%
CMY	0.8272, 0.9450, 0.0626
CMYK	0.82, 0.94, 0.00, 0.06
HSL	248°, 89%, 50%
HSV	248°, 94%, 94%
XYZ	16.7819, 7.0852, 82.1642
YIQ	48.6200, -54.3450, 76.3350

Conversions

Conversions Part 2

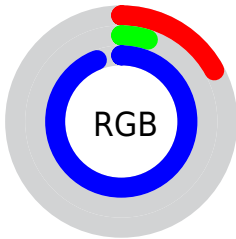
Format	Color
R_YB	44, 14, 239
Decimal	2887407
CIE _{Lab}	32.00, 73.61, -99.32
CIE _{LCh}	32, 123.626, 306.541
Yxy	7.0852, 0.1583, 0.0668
Android (android.graphics.Color)	4281077487 (0xFF2C0EEF)
YUV	48.6200, 93.8573, -4.0517
Hunter-Lab	26.6180, 65.9581, -164.3834




Details

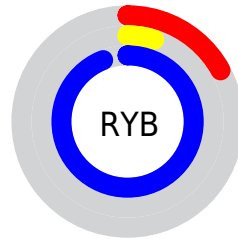
The CIELCh color **32, 123.626, 306.541** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **90, 92.243, 110.764**, and the grayscale version is **20, 0.004, 296.813**.




A 20% lighter version of the original color is **48, 102.087, 307.260**, and **21, 103.454, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **31, 126.554, 306.711**, and if you desaturate by 10%, it is **35, 115.418, 305.872**.

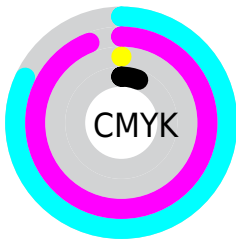
Distribution







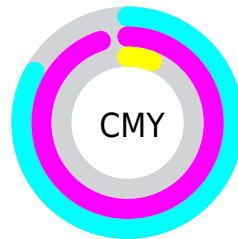
-  Red (17%)
-  Green (5%)
-  Blue (94%)






-  Red (17%)
-  Yellow (5%)
-  Blue (94%)



-  Cyan (82%)
-  Magenta (94%)
-  Yellow (0%)
-  Black (6%)





-  Cyan (83%)
-  Magenta (95%)
-  Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 123.626, 306.541 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 32, 123.626, 306.541 by changing the saturation by 10% instead.


 32, 123.626,
306.541


 32, 123.626,
306.541


 100, 123.626,
306.541


 22, 123.626,
306.541


 52, 123.626,
306.541


 12, 123.626,
306.541


 62, 123.626,
306.541

 2, 123.626,
306.541

 72, 123.626,
306.541

 0, 123.626,
306.541

 82, 123.626,
306.541

 92, 123.626,
306.541

■ 32, 123.626,
306.541

■ 32, 123.626,
306.541

■ 31, 126.554,
306.711

■ 35, 115.418,
305.872

■ 41, 103.305,
304.653

■ 47, 89.132,
303.153

■ 54, 74.282,
301.598

■ 61, 59.503,
300.124

■ 69, 45.125,
298.792

■ 76, 31.266,
297.622

■ 84, 17.947,

296.609

■ 91, 5.152, 295.741

Harmonies

Complementary

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



32, 123.626, 306.541



90, 92.243, 110.764

Rectangle

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



32, 123.626, 306.541



32, 123.626, 356.541



32, 123.626, 126.541



32, 123.626, 176.541

Sweetspot

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



32, 123.628, 306.542



78, 38.539, 298.067



77, 41.477, 220.075



38, 26.840, 298.581



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



32, 123.628, 306.542



33, 132.939, 306.695



44, 113.620, 315.597



46, 7.168, 296.188



22, 103.715, 306.790



3, 38.170, 301.854

Inverse Universe

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



55, 98.488, 334.093



58, 103.884, 334.514



84, 106.264, 131.452



47, 7.852, 328.849



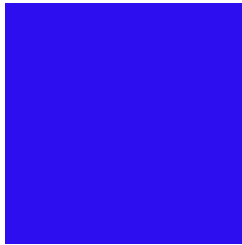
42, 81.339, 334.370



9, 36.023, 333.407

Previews

White Background



This preview shows how the CIE LCh color 32, 123.626, 306.541 looks on a white background.

Color Contrast Check

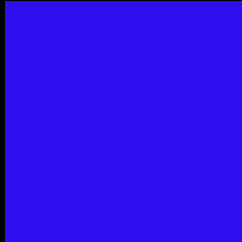
Large Text (above 18pt) WCAG AA ✓ Pass

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 32, 123.626, 306.541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

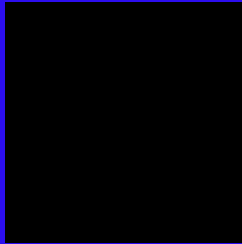
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 123.626, 306.541

Background



This preview shows how black text looks on a background with the CIELCh color 32, 123.626, 306.541.



This preview shows how white text looks on a background with the CIELCh color 32, 123.626, 306.541.

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

32, 123.626, 306.541

Protanopia

32, 50.272, 285.223

Deuteranopia

32, 34.398, 270.025

Trichromacy



Original Color
32, 123.626, 306.541

Protanomaly
29, 82.409, 299.628

Deuteranomaly
29, 72.117, 297.399

Monochromacy



Original Color
32, 123.626, 306.541

Achromatopsia
20, 0.004, 296.813

Achromatomaly
21, 54.374, 303.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 123.626, 306.541 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(44, 14, 239)` looks like.

```
.text, #text, p{  
    color:rgb(44, 14, 239)  
}
```

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(44, 14, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 14, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 123.626, 306.541 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(44, 14, 239) }
```

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

```
.border{ border-color:rgb(44, 14, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 14, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 14, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 14, 239);  
box-shadow:4px 4px 4px 4px rgb(44, 14,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 123.626, 306.541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 14, 239) }
```

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

```
.background{ background-color: rgb(44, 14,  
239) }
```

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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