

Converting Colors

CIELCh(32, 124.175, 306.905)

Have a look what the booklet for
CIELCh(32, 124.175, 306.905)
contains.

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Color

CIELCh(32, 124.191, 306.893)

Conversions

Conversions Part 1

Format	Color
Hex	3109EF
RGB	49, 9, 239
RGB Percent	19%, 4%, 94%
CMY	0.8076, 0.9645, 0.0626
CMYK	0.79, 0.96, 0.00, 0.06
HSL	250°, 93%, 49%
HSV	250°, 96%, 94%
XYZ	16.9527, 7.0852, 82.1612
YIQ	47.1800, -49.9900, 80.0100

Conversions

Conversions Part 2

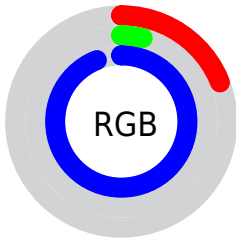
Format	Color
RYB	49, 9, 239
Decimal	3213807
CIELab	32.00, 74.55, -99.32
CIELCh	32, 124.191, 306.893
Yxy	7.0852, 0.1596, 0.0667
Android (android.graphics.Color)	4281403887 (0xFF3109EF)
YUV	47.1800, 94.5673, 1.5961
Hunter-Lab	26.6180, 67.1030, -164.3767

Details

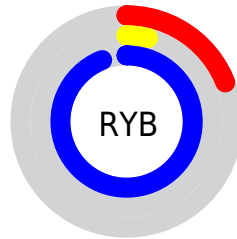
The CIELCh color **32, 124.191, 306.893** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **89, 93.398, 113.163**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 103.001, 307.867**, and **21, 103.454, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **31, 126.074, 306.958**, and if you desaturate by 10%, it is **35, 116.995, 306.516**.

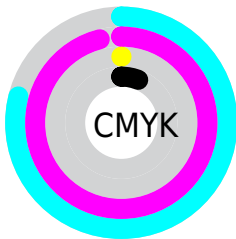
Distribution



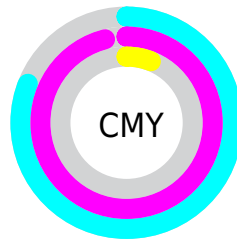
- Red (19%)
- Green (4%)
- Blue (94%)



- Red (19%)
- Yellow (4%)
- Blue (94%)



- Cyan (79%)
- Magenta (96%)
- Yellow (0%)
- Black (6%)





- Cyan (81%)
- Magenta (96%)
- Yellow (6%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 124.191, 306.893 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, 124.191, 306.893 by changing the saturation by 10% instead.


 32, 124.191,
306.893


 32, 124.191,
306.893


 100, 124.191,
306.893


 22, 124.191,
306.893


 52, 124.191,
306.893


 12, 124.191,
306.893


 62, 124.191,
306.893

 2, 124.191,
306.893

 72, 124.191,
306.893

 0, 124.191,
306.893

 82, 124.191,
306.893

 92, 124.191,
306.893

■ 32, 124.191,
306.893

■ 32, 124.191,
306.893

■ 31, 126.074,
306.958

■ 35, 116.995,
306.516

■ 40, 105.691,
305.571

■ 46, 91.994,
304.298

■ 53, 77.348,
302.918

■ 60, 62.601,
301.574

■ 67, 48.159,
300.339

■ 75, 34.188,
299.239

■ 82, 20.736,

298.278

■ 90, 7.800, 297.447

Harmonies

Complementary

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



32, 124.191, 306.893



89, 93.398, 113.163

Rectangle

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



32, 124.191, 306.893



32, 124.191, 356.893



32, 124.191, 126.893



32, 124.191, 176.893

Sweetspot

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



32, 124.193, 306.894



77, 40.082, 299.542



75, 41.268, 227.639



38, 27.734, 300.013



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, 124.193, 306.894



33, 132.438, 306.938



44, 113.658, 316.434



46, 7.189, 297.705



23, 103.294, 307.056



3, 38.301, 302.784

Inverse Universe

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



55, 95.689, 336.427



58, 100.646, 336.816



84, 107.979, 132.403



47, 7.631, 330.191



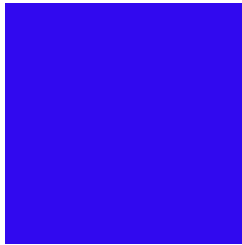
42, 78.849, 336.612



9, 35.062, 335.252

Previews

White Background



This preview shows how the CIE LCh color 32, 124.191, 306.893 looks on a white background.

Color Contrast Check

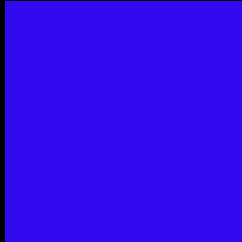
Large Text (above 18pt) WCAG AA ✓ Pass

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, 124.191, 306.893 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, 124.191, 306.893

Background



This preview shows how black text looks on a background with the CIELCh color 32, 124.191, 306.893.



This preview shows how white text looks on a background with the CIELCh color 32, 124.191, 306.893.

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, 124.191, 306.893

Protanopia

32, 50.853, 285.540

Deuteranopia

32, 34.923, 270.721



Tritanopia
32, 21.794, 203.303

Trichromacy



Original Color
32, 124.191, 306.893

Protanomaly
29, 83.627, 300.184

Deuteranomaly
28, 73.981, 298.216

Tritanomaly
27, 55.534, 292.861

Monochromacy



Original Color
32, 124.191, 306.893

Achromatopsia
19, 0.004, 296.813

Achromatomaly
20, 55.717, 304.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 124.191, 306.893 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(49, 9, 239)` looks like.

```
.text, #text, p{  
    color:rgb(49, 9, 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(49, 9, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 9, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 124.191, 306.893 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(49, 9, 239) }
```

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

```
.border{ border-color:rgb(49, 9, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 9, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 9, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 9, 239);  
box-shadow:4px 4px 4px 4px rgb(49, 9, 239)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 124.191, 306.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 9, 239) }
```

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

```
.background{ background-color: rgb(49, 9,  
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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