

Converting Colors

CIELCh(32, 132.717, 306.325)

Have a look what the booklet for
CIELCh(32, 132.717, 306.325)
contains.

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Color

CIELCh(32, 132.534, 306.327)

Conversions

Conversions Part 1

Format	Color
Hex	0600FC
RGB	6, 0, 252
RGB Percent	2%, 0%, 99%
CMY	0.9753, 0.9990, 0.0111
CMYK	0.98, 1.00, 0.00, 0.01
HSL	241°, 100%, 49%
HSV	241°, 100%, 99%
XYZ	17.6779, 7.0852, 92.6691
YIQ	30.5220, -77.3160, 79.6440

Conversions

Conversions Part 2

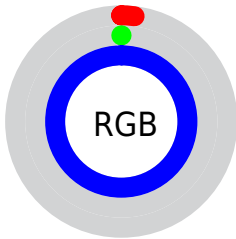
Format	Color
RYB	6, 0, 252
Decimal	393468
CIELab	32.00, 78.51, -106.78
CIELCh	32, 132.534, 306.327
Yxy	7.0852, 0.1505, 0.0603
Android (android.graphics.Color)	4278583548 (0xFF0600FC)
YUV	30.5220, 109.1887, -21.5058
Hunter-Lab	26.6180, 71.9664, -187.7826

Details

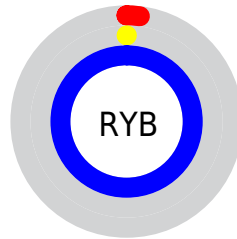
The CIELCh color **32, 132.534, 306.327** is a dark color, and the websafe version is hex **0000FF**. The color can be described as dark saturated blue. A complement of this color would be **96, 96.126, 104.361**, and the grayscale version is **11, 0.003, 296.813**.

A 20% lighter version of the original color is **47, 104.940, 307.018**, and **23, 108.515, 306.287** is the 20% darker color. If you saturate the color by 10%, you get **32, 132.583, 306.335**, and if you desaturate by 10%, it is **34, 127.073, 305.623**.

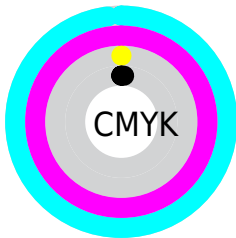
Distribution



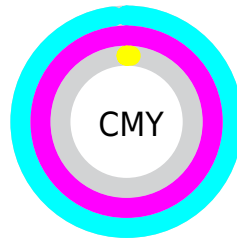
- Red (2%)
- Green (0%)
- Blue (99%)



- Red (2%)
- Yellow (0%)
- Blue (99%)



- Cyan (98%)
- Magenta (100%)
- Yellow (0%)
- Black (1%)





- Cyan (98%)
- Magenta (100%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 132.534, 306.327 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, 132.534, 306.327 by changing the saturation by 10% instead.


 32, 132.534,
306.327


 32, 132.534,
306.327


 100, 132.534,
306.327


 22, 132.534,
306.327


 52, 132.534,
306.327


 12, 132.534,
306.327


 62, 132.534,
306.327

 2, 132.534,
306.327

 72, 132.534,
306.327

 0, 132.534,
306.327

 82, 132.534,
306.327

 92, 132.534,
306.327

■ 32, 132.534,
306.327

■ 32, 132.534,
306.327

■ 32, 132.583,
306.335

■ 34, 127.073,
305.623

■ 38, 116.563,
304.223

■ 44, 102.456,
302.300

■ 51, 86.854,
300.193

■ 59, 71.055,
298.150

■ 67, 55.639,
296.297

■ 75, 40.805,
294.679

■ 83, 26.586,

293.292

■ 91, 12.957,
292.115

Harmonies

Complementary

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



32, 132.534, 306.327



96, 96.126, 104.361

Rectangle

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



32, 132.534, 306.327



32, 132.534, 356.327



32, 132.534, 126.327



32, 132.534, 176.327

Sweetspot

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



32, 132.537, 306.328



75, 41.331, 294.697



89, 48.509, 199.062



37, 28.455, 295.352



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, 132.537, 306.328



32, 133.712, 306.334



41, 123.491, 312.073



48, 7.383, 292.071



23, 106.588, 306.356



3, 42.096, 301.343

Inverse Universe

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



59, 112.412, 329.222



60, 113.383, 329.224



89, 109.055, 128.884



49, 8.765, 325.592



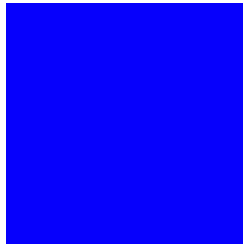
45, 90.446, 329.206



11, 41.018, 329.081

Previews

White Background



This preview shows how the CIE LCh color 32, 132.534, 306.327 looks on a white background.

Color Contrast Check

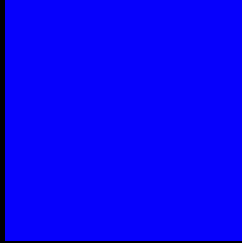
Large Text (above 18pt) WCAG AA ✓ Pass

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, 132.534, 306.327 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, 132.534, 306.327

Background



This preview shows how black text looks on a background with the CIELCh color 32, 132.534, 306.327.



This preview shows how white text looks on a background with the CIELCh color 32, 132.534, 306.327.

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, 132.517, 306.335

Protanopia

32, 50.787, 285.252

Deuteranopia

32, 34.930, 270.334



Tritanopia
32, 21.976, 203.232

Trichromacy



Original Color
32, 132.517, 306.335

Protanomaly
29, 88.849, 300.817

Deuteranomaly
28, 78.902, 298.970

Tritanomaly
26, 60.756, 294.153

Monochromacy



Original Color
32, 132.517, 306.335

Achromatopsia
12, 0.003, 296.813

Achromatomaly
15, 61.478, 303.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 132.534, 306.327 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(6, 0, 252)` looks like.

```
.text, #text, p{  
    color:rgb(6, 0, 252)  
}
```

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(6, 0, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 0, 252) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 132.534, 306.327 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(6, 0, 252) }
```

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

```
.border{ border-color:rgb(6, 0, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 0, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 0, 252); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 0, 252); box-shadow:4px  
4px 4px 4px rgb(6, 0, 252) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 132.534, 306.327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 0, 252) }
```

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

```
.background{ background-color: rgb(6, 0,  
252) }
```

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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