

Converting Colors

CIELCh(32, 106.164, 311.225)

Have a look what the booklet for
CIELCh(32, 106.164, 311.225)
contains.

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Color

CIELCh(32, 105.960, 311.235)

Conversions

Conversions Part 1

Format	Color
Hex	6203CD
RGB	98, 3, 205
RGB Percent	38%, 1%, 80%
CMY	0.6152, 0.9875, 0.1957
CMYK	0.52, 0.98, 0.00, 0.20
HSL	268°, 97%, 41%
HSV	268°, 98%, 80%
XYZ	16.1155, 7.0852, 58.3397
YIQ	54.4330, -8.2220, 82.9620

Conversions

Conversions Part 2

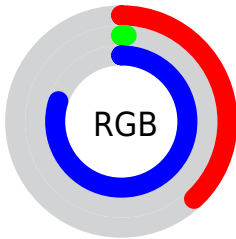
Format	Color
RYB	98, 3, 205
Decimal	6423501
CIELab	32.00, 69.84, -79.68
CIELCh	32, 105.960, 311.235
Yxy	7.0852, 0.1976, 0.0869
Android (android.graphics.Color)	4284613581 (0xFF6203CD)
YUV	54.4330, 74.2295, 38.2083
Hunter-Lab	26.6180, 61.4891, -111.3157

Details

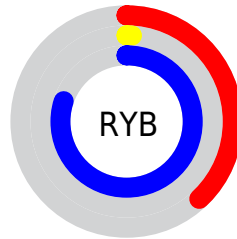
The CIELCh color **32, 105.960, 311.235** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **74, 91.268, 126.973**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **51, 101.949, 311.815**, and **17, 88.848, 306.838** is the 20% darker color. If you saturate the color by 10%, you get **32, 106.662, 311.160**, and if you desaturate by 10%, it is **35, 100.917, 311.717**.

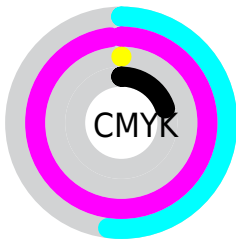
Distribution



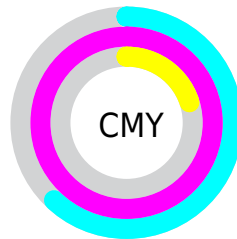
- Red (38%)
- Green (1%)
- Blue (80%)



- Red (38%)
- Yellow (1%)
- Blue (80%)



- Cyan (52%)
- Magenta (98%)
- Yellow (0%)
- Black (20%)





- Cyan (62%)
- Magenta (99%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 105.960, 311.235 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, 105.960, 311.235 by changing the saturation by 10% instead.


 32, 105.960,
311.235


 32, 105.960,
311.235


 100, 105.960,
311.235


 22, 105.960,
311.235


 52, 105.960,
311.235


 12, 105.960,
311.235


 62, 105.960,
311.235

 2, 105.960,
311.235

 72, 105.960,
311.235

 0, 105.960,
311.235

 82, 105.960,
311.235

 92, 105.960,
311.235

■ 32, 105.960,
311.235

■ 32, 105.960,
311.235

■ 32, 106.662,
311.160

■ 35, 100.917,
311.717

■ 38, 93.027,
311.807

■ 43, 82.832,
311.573

■ 48, 71.224,
311.138

■ 53, 58.915,
310.597

■ 59, 46.388,
310.019

■ 65, 33.930,
309.446

■ 71, 21.703,

308.900

■ 77, 9.791, 308.393

Harmonies

Complementary

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



32, 105.960, 311.235



74, 91.268, 126.973

Rectangle

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



32, 105.960, 311.235



32, 105.960, 1.235



32, 105.960, 131.235



32, 105.960, 181.235

Sweetspot

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



32, 105.961, 311.236



78, 42.813, 309.555



47, 56.795, 280.261



39, 29.356, 309.800



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, 105.961, 311.236



40, 125.868, 311.018



48, 97.928, 326.918



40, 6.561, 308.440



25, 90.886, 311.330



2, 24.407, 305.548

Inverse Universe

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



45, 72.148, 358.922



55, 85.082, 0.059



72, 101.126, 135.951



40, 5.420, 342.792



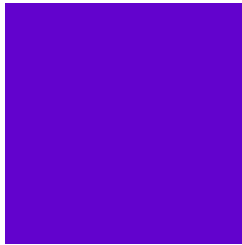
36, 61.826, 358.839



4, 20.235, 351.648

Previews

White Background



This preview shows how the CIELCh color 32, 105.960, 311.235 looks on a white background.

Color Contrast Check

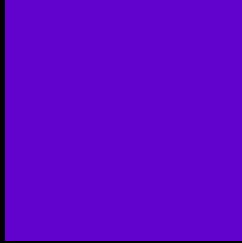
Large Text (above 18pt) WCAG AA ✓ Pass

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, 105.960, 311.235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

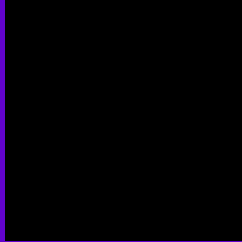
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 105.960, 311.235

Background



This preview shows how black text looks on a background with the CIELCh color 32, 105.960, 311.235.



This preview shows how white text looks on a background with the CIELCh color 32, 105.960,

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, 105.960, 311.235

Protanopia

32, 51.947, 285.871

Deuteranopia

33, 36.517, 272.314



Tritanopia
33, 7.940, 227.185

Trichromacy



Original Color
32, 105.960, 311.235

Protanomaly
28, 79.030, 301.048

Deuteranomaly
28, 69.276, 299.253

Tritanomaly
28, 49.696, 306.255

Monochromacy



Original Color
32, 105.960, 311.235

Achromatopsia
23, 0.004, 296.813

Achromatomaly
23, 49.159, 311.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 105.960, 311.235 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(98, 3, 205)` looks like.

```
.text, #text, p{  
    color:rgb(98, 3, 205)  
}
```

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(98, 3, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 3, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 105.960, 311.235 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(98, 3, 205) }
```

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

```
.border{ border-color:rgb(98, 3, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 3, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 3, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 3, 205);  
box-shadow:4px 4px 4px 4px rgb(98, 3, 205)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 105.960, 311.235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 3, 205) }
```

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

```
.background{ background-color: rgb(98, 3,  
205) }
```

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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