

Converting Colors

CIELCh(32, 93.790, 315.369)

Have a look what the booklet for
CIELCh(32, 93.790, 315.369)
contains.

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Color

CIELCh(32, 93.763, 315.419)

Conversions

Conversions Part 1

Format	Color
Hex	7401B6
RGB	116, 1, 182
RGB Percent	45%, 0%, 71%
CMY	0.5463, 0.9947, 0.2875
CMYK	0.36, 0.99, 0.00, 0.29
HSL	278°, 99%, 36%
HSV	278°, 99%, 71%
XYZ	15.5868, 7.0852, 44.6360
YIQ	56.0190, 10.4390, 80.6710

Conversions

Conversions Part 2

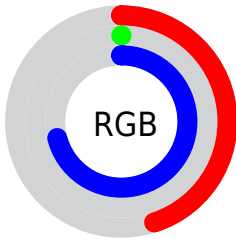
Format	Color
R_{YB}	116, 1, 182
Decimal	7602614
CIE _{Lab}	32.00, 66.78, -65.81
CIE _{LCh}	32, 93.763, 315.419
Yxy	7.0852, 0.2316, 0.1053
Android (android.graphics.Color)	4285792694 (0xFF7401B6)
YUV	56.0190, 62.1086, 52.6033
Hunter-Lab	26.6180, 57.9438, -80.7915

Details

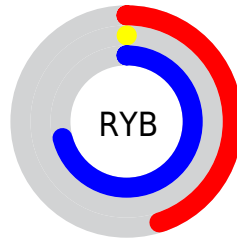
The CIELCh color **32, 93.763, 315.419** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **65, 87.750, 131.723**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 94.038, 315.439**, and **18, 75.464, 311.071** is the 20% darker color. If you saturate the color by 10%, you get **32, 94.031, 315.379**, and if you desaturate by 10%, it is **34, 89.925, 315.979**.

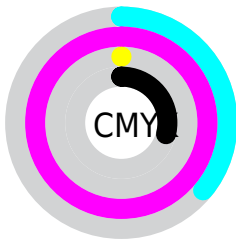
Distribution



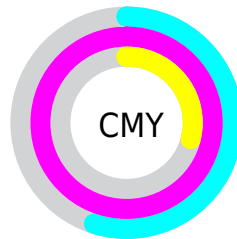
- Red (45%)
- Green (0%)
- Blue (71%)



- Red (45%)
- Yellow (0%)
- Blue (71%)



- Cyan (36%)
- Magenta (99%)
- Yellow (0%)
- Black (29%)





- Cyan (55%)
- Magenta (99%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 93.763, 315.419 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, 93.763, 315.419 by changing the saturation by 10% instead.


 32, 93.763,
315.419


 32, 93.763,
315.419

 100, 93.763,
315.419


 22, 93.763,
315.419

 52, 93.763,
315.419


 12, 93.763,
315.419


 62, 93.763,
315.419

 2, 93.763, 315.419

 72, 93.763,
315.419

 0, 93.763, 315.419

 82, 93.763,
315.419

 92, 93.763,
315.419

■ 32, 93.763,
315.419

■ 32, 93.763,
315.419

■ 32, 94.031,
315.379

■ 34, 89.925,
315.979

■ 37, 83.871,
316.256

■ 40, 75.651,
316.252

■ 44, 65.879,
316.047

■ 49, 55.152,
315.712

■ 54, 43.939,
315.303

■ 59, 32.565,
314.861

■ 64, 21.244,

314.414

■ 69, 10.104,
313.974

Harmonies

Complementary

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



32, 93.763, 315.419



65, 87.750, 131.723

Rectangle

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



32, 93.763, 315.419



32, 93.763, 5.419



32, 93.763, 135.419



32, 93.763, 185.419

Sweetspot

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



32, 93.763, 315.419



74, 41.493, 314.917



33, 71.134, 294.331



37, 28.614, 315.104



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



32, 93.763, 315.419



42, 114.947, 315.200



42, 80.636, 334.309



36, 6.233, 313.977



27, 83.767, 315.506



2, 16.386, 309.691

Inverse Universe

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



38, 66.046, 14.521



50, 81.158, 15.909



64, 89.608, 137.441



36, 4.476, 352.353



33, 58.957, 14.156



2, 11.467, 358.243

Previews

White Background



This preview shows how the CIELCh color 32, 93.763, 315.419 looks on a white background.

Color Contrast Check

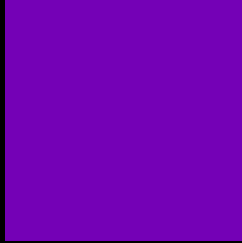
Large Text (above 18pt) WCAG AA ✓ Pass

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, 93.763, 315.419 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, 93.763, 315.419

Background



This preview shows how black text looks on a background with the CIELCh color 32, 93.763, 315.419.



This preview shows how white text looks on a background with the CIELCh color 32, 93.763, 315.419.

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, 93.924, 315.447

Protanopia

33, 52.458, 285.891

Deuteranopia

33, 37.048, 272.568



Tritanopia
33, 11.174, 5.072

Trichromacy



Original Color
32, 93.924, 315.447

Protanomaly
28, 74.991, 301.195

Deuteranomaly
27, 65.097, 299.400

Tritanomaly
30, 46.254, 322.312

Monochromacy



Original Color
32, 93.924, 315.447

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 44.721, 316.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 93.763, 315.419 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(116, 1, 182)` looks like.

```
.text, #text, p{  
    color:rgb(116, 1, 182)  
}
```

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(116, 1, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 1, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 93.763, 315.419 is called "border". The border property can be set on classes, ids or directly on the HTML element.

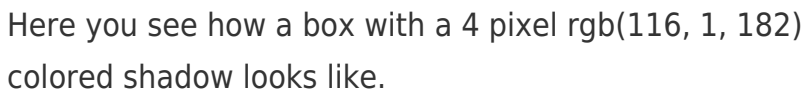
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 1, 182) }
```

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

```
.border{ border-color:rgb(116, 1, 182) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 1, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 1, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 1, 182); box-shadow:4px 4px 4px 4px rgb(116, 1, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 93.763, 315.419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 1, 182) }
```

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

```
.background{ background-color: rgb(116, 1,  
182) }
```

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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