

Converting Colors

CIELCh(32, 95.135, 314.833)

Have a look what the booklet for
CIELCh(32, 95.135, 314.833)
contains.

CIELCh(32, 94.879, 314.899)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(32, 94.879, 314.899)

Conversions

Conversions Part 1

Format	Color
Hex	7202B8
RGB	114, 2, 184
RGB Percent	45%, 1%, 72%
CMY	0.5528, 0.9920, 0.2783
CMYK	0.38, 0.99, 0.00, 0.28
HSL	277°, 98%, 36%
HSV	277°, 99%, 72%
XYZ	15.6189, 7.0852, 45.9041
YIQ	56.2360, 8.3300, 80.3460

Conversions

Conversions Part 2

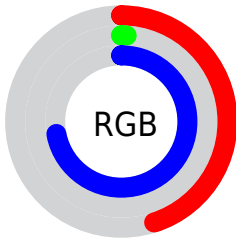
Format	Color
R_{YB}	114, 2, 184
Decimal	7471800
CIE _{Lab}	32.00, 66.97, -67.21
CIE _{LCh}	32, 94.879, 314.899
Yxy	7.0852, 0.2277, 0.1033
Android (android.graphics.Color)	4285661880 (0xFF7202B8)
YUV	56.2360, 62.9877, 50.6590
Hunter-Lab	26.6180, 58.1590, -83.6162

Details

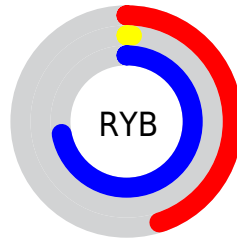
The CIELCh color **32, 94.879, 314.899** is a dark color, and the websafe version is hex **9900CC**. A complement of this color would be **66, 88.023, 131.263**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 95.005, 314.883**, and **17, 76.795, 310.468** is the 20% darker color. If you saturate the color by 10%, you get **32, 95.295, 314.838**, and if you desaturate by 10%, it is **34, 90.878, 315.461**.

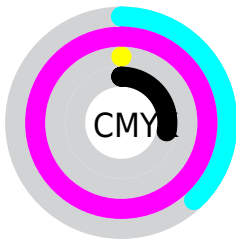
Distribution



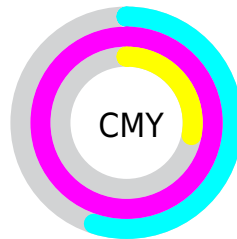
- Red (45%)
- Green (1%)
- Blue (72%)



- Red (45%)
- Yellow (1%)
- Blue (72%)



- Cyan (38%)
- Magenta (99%)
- Yellow (0%)
- Black (28%)




- Cyan (55%)
- Magenta (99%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 94.879, 314.899 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, 94.879, 314.899 by changing the saturation by 10% instead.


 32, 94.879,
314.899


 32, 94.879,
314.899

 100, 94.879,
314.899

 22, 94.879,
314.899

 52, 94.879,
314.899


 12, 94.879,
314.899


 62, 94.879,
314.899

 2, 94.879, 314.899

 72, 94.879,
314.899

 0, 94.879, 314.899

 82, 94.879,
314.899

 92, 94.879,
314.899

■ 32, 94.879,
314.899

■ 32, 94.879,
314.899

■ 32, 95.295,
314.838

■ 34, 90.878,
315.461

■ 37, 84.567,
315.720

■ 41, 76.092,
315.695

■ 45, 66.097,
315.469

■ 49, 55.190,
315.116

■ 54, 43.837,
314.693

■ 59, 32.356,
314.242

■ 65, 20.952,

313.788

■ 70, 9.746, 313.345

Harmonies

Complementary

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



32, 94.879, 314.899



66, 88.023, 131.263

Rectangle

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



32, 94.879, 314.899



32, 94.879, 4.899



32, 94.879, 134.899



32, 94.879, 184.899

Sweetspot

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



32, 94.879, 314.899



75, 41.708, 314.316



35, 67.548, 292.003



37, 28.521, 314.505



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, 94.879, 314.899



42, 116.338, 314.658



43, 83.477, 332.607



36, 6.205, 313.364



26, 84.082, 314.977



2, 16.314, 308.990

Inverse Universe

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



39, 66.288, 12.606



51, 81.378, 14.131



65, 91.393, 136.990



36, 4.525, 351.160



33, 58.707, 12.378



2, 11.550, 357.244

Previews

White Background



This preview shows how the CIELCh color 32, 94.879, 314.899 looks on a white background.

Color Contrast Check

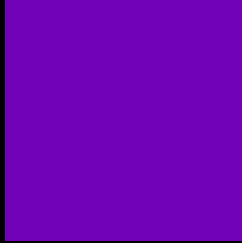
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94.879, 314.899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

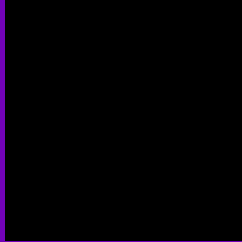
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 94.879, 314.899

Background



This preview shows how black text looks on a background with the CIELCh color 32, 94.879, 314.899.



This preview shows how white text looks on a background with the CIELCh color 32, 94.879, 314.899.

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, 94.879, 314.899

Protanopia

33, 52.458, 285.891

Deuteranopia

33, 37.048, 272.568



Tritanopia

33, 9.847, 2.539

Trichromacy



Original Color
32, 94.879, 314.899

Protanomaly
28, 75.021, 301.094

Deuteranomaly
27, 64.453, 298.934

Tritanomaly
30, 46.511, 320.581

Monochromacy



Original Color
32, 94.879, 314.899

Achromatopsia
24, 0.004, 296.813

Achromatomaly
23, 45.250, 315.443

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 94.879, 314.899 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(114, 2, 184)` looks like.

```
.text, #text, p{  
    color:rgb(114, 2, 184)  
}
```

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(114, 2, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 2, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 94.879, 314.899 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(114, 2, 184) }
```

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

```
.border{ border-color:rgb(114, 2, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 2, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 2, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 2, 184);  
box-shadow:4px 4px 4px 4px rgb(114, 2,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 94.879, 314.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 2, 184) }
```

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

```
.background{ background-color: rgb(114, 2,  
184) }
```

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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