

Converting Colors

CIELCh(32, 70.668, 322.276)

Have a look what the booklet for
CIELCh(32, 70.668, 322.276)
contains.

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Color

CIELCh(32, 70.535, 322.324)

Conversions

Conversions Part 1

Format	Color
Hex	7C1A90
RGB	124, 26, 144
RGB Percent	49%, 10%, 56%
CMY	0.5126, 0.8965, 0.4342
CMYK	0.14, 0.82, 0.00, 0.43
HSL	290°, 69%, 33%
HSV	290°, 82%, 57%
XYZ	13.7888, 7.0852, 27.1412
YIQ	68.7540, 20.5300, 57.4740

Conversions

Conversions Part 2

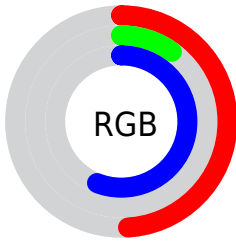
Format	Color
R_{YB}	124, 26, 144
Decimal	8133264
CIE _{Lab}	32.00, 55.83, -43.11
CIE _{LCh}	32, 70.535, 322.324
Yxy	7.0852, 0.2872, 0.1476
Android (android.graphics.Color)	4286323344 (0xFF7C1A90)
YUV	68.7540, 37.0963, 48.4507
Hunter-Lab	26.6180, 45.8860, -41.8230

Details

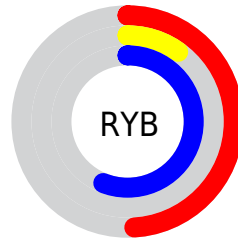
The CIELCh color **32, 70.535, 322.324** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **53, 70.171, 134.914**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 71.017, 322.287**, and **16, 56.606, 319.625** is the 20% darker color. If you saturate the color by 10%, you get **30, 74.424, 322.145**, and if you desaturate by 10%, it is **34, 64.804, 322.316**.

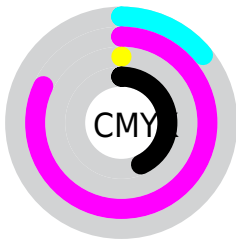
Distribution



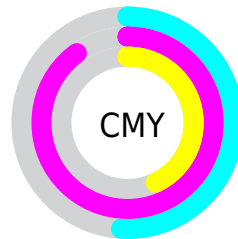
- Red (49%)
- Green (10%)
- Blue (56%)



- Red (49%)
- Yellow (10%)
- Blue (56%)



- Cyan (14%)
- Magenta (82%)
- Yellow (0%)
- Black (43%)





- Cyan (51%)
- Magenta (90%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 70.535, 322.324 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, 70.535, 322.324 by changing the saturation by 10% instead.


 32, 70.535,
322.324


 32, 70.535,
322.324

 100, 70.535,
322.324


 22, 70.535,
322.324

 52, 70.535,
322.324


 12, 70.535,
322.324


 62, 70.535,
322.324

 2, 70.535, 322.324

 72, 70.535,
322.324

 0, 70.535, 322.324

 82, 70.535,
322.324

 92, 70.535,
322.324

■ 32, 70.535,
322.324

■ 32, 70.535,
322.324

■ 30, 74.424,
322.145

■ 34, 64.804,
322.316

■ 29, 76.697,
321.906

■ 37, 57.546,
322.154

■ 40, 49.163,
321.876

■ 43, 40.048,
321.516

■ 47, 30.528,
321.105

■ 51, 20.846,
320.666

■ 55, 11.175,
320.214

■ 59, 1.627, 319.685

Harmonies

Complementary

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



32, 70.535, 322.324



53, 70.171, 134.914

Rectangle

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



32, 70.535, 322.324



32, 70.535, 12.324



32, 70.535, 142.324



32, 70.535, 192.324

Sweetspot

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



32, 70.534, 322.324



64, 29.918, 320.836



25, 62.392, 297.684



32, 20.362, 320.973



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



32, 70.534, 322.324



39, 93.012, 321.853



34, 56.913, 342.533



28, 5.329, 320.097



27, 73.126, 321.942



1, 3.573, 319.712

Inverse Universe

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



32, 52.449, 22.069



40, 74.570, 30.809



53, 59.537, 145.478



28, 3.324, 6.340



27, 58.344, 30.157



0, 2.191, 5.598

Previews

White Background



This preview shows how the CIELCh color 32, 70.535, 322.324 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, 70.535, 322.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

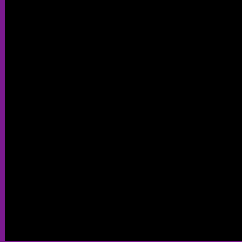
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 70.535, 322.324

Background



This preview shows how black text looks on a background with the CIELCh color 32, 70.535, 322.324.



This preview shows how white text looks on a background with the CIELCh color 32, 70.535, 322.324.

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, 70.535, 322.324

Protanopia

32, 51.947, 285.871

Deuteranopia

33, 37.706, 276.797



Tritanopia
32, 25.345, 17.302

Trichromacy



Original Color
32, 70.535, 322.324

Protanomaly
29, 60.402, 297.671

Deuteranomaly
29, 51.012, 298.687

Tritanomaly
31, 38.571, 340.974

Monochromacy



Original Color
32, 70.535, 322.324

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 30.069, 321.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 70.535, 322.324 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(124, 26, 144)` looks like.

```
.text, #text, p{  
    color:rgb(124, 26, 144)  
}
```

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(124, 26, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 26, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 70.535, 322.324 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(124, 26, 144) }
```

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

```
.border{ border-color:rgb(124, 26, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 26, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 26, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 26, 144);  
box-shadow:4px 4px 4px 4px rgb(124, 26,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 70.535, 322.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 26, 144) }
```

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

```
.background{ background-color: rgb(124, 26,  
144) }
```

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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