

Converting Colors

CIELCh(32, 64.877, 326.721)

Have a look what the booklet for
CIELCh(32, 64.877, 326.721)
contains.

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Color

CIELCh(32, 64.831, 326.665)

Conversions

Conversions Part 1

Format	Color
Hex	801B84
RGB	128, 27, 132
RGB Percent	50%, 11%, 52%
CMY	0.4969, 0.8927, 0.4813
CMYK	0.03, 0.79, 0.00, 0.48
HSL	298°, 66%, 31%
HSV	298°, 79%, 52%
XYZ	13.5287, 7.0852, 22.5821
YIQ	69.1690, 26.4910, 54.0670

Conversions

Conversions Part 2

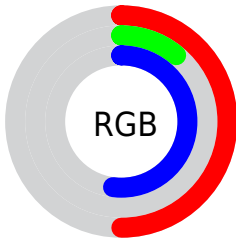
Format	Color
RYB	128, 27, 132
Decimal	8395652
CIELab	32.00, 54.16, -35.63
CIElCh	32, 64.831, 326.665
Yxy	7.0852, 0.3132, 0.1640
Android (android.graphics.Color)	4286585732 (0xFF801B84)
YUV	69.1690, 30.9757, 51.5948
Hunter-Lab	26.6180, 44.1417, -31.6678

Details

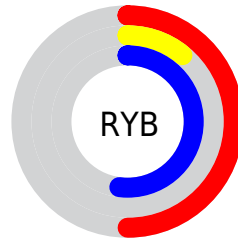
The CIELCh color **32, 64.831, 326.665** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **48, 66.019, 136.997**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 65.068, 326.627**, and **16, 50.931, 325.176** is the 20% darker color. If you saturate the color by 10%, you get **31, 68.529, 326.761**, and if you desaturate by 10%, it is **34, 59.479, 326.463**.

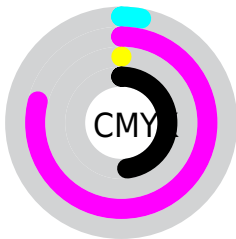
Distribution



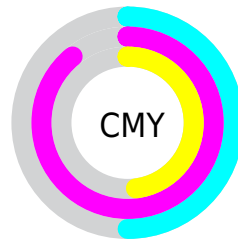
- Red (50%)
- Green (11%)
- Blue (52%)



- Red (50%)
- Yellow (11%)
- Blue (52%)



- Cyan (3%)
- Magenta (79%)
- Yellow (0%)
- Black (48%)




- Cyan (50%)
- Magenta (89%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 64.831, 326.665 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, 64.831, 326.665 by changing the saturation by 10% instead.

 32, 64.831,
326.665

 32, 64.831,
326.665

 100, 64.831,
326.665

 22, 64.831,
326.665

 52, 64.831,
326.665

 12, 64.831,
326.665

 62, 64.831,
326.665

 2, 64.831, 326.665

 72, 64.831,
326.665

 0, 64.831, 326.665

 82, 64.831,
326.665

 92, 64.831,
326.665

■ 32, 64.831,
326.665

■ 32, 64.831,
326.665

■ 31, 68.529,
326.761

■ 34, 59.479,
326.463

■ 30, 70.952,
326.777

■ 36, 52.709,
326.166

■ 30, 71.117,
326.779

■ 39, 44.845,
325.791

■ 42, 36.228,
325.358

■ 45, 27.162,
324.885

■ 48, 17.889,
324.387

■ 52, 8.586, 323.872

■ 56, 0.623, 143.687

Harmonies

Complementary

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



32, 64.831, 326.665



48, 66.019, 136.997

Rectangle

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



32, 64.831, 326.665



32, 64.831, 16.665



32, 64.831, 146.665



32, 64.831, 196.665

Sweetspot

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



32, 64.829, 326.665



59, 27.426, 324.649



20, 65.622, 301.794



30, 18.986, 324.801



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



32, 64.829, 326.665



40, 84.705, 326.761



30, 48.822, 350.670



26, 5.210, 323.862



29, 70.251, 326.781



0, 1.241, 323.422

Inverse Universe

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



29, 50.753, 30.293



36, 73.141, 36.925



49, 48.465, 151.537



26, 3.051, 16.797



26, 60.973, 36.997



0, 0.709, 16.243

Previews

White Background



This preview shows how the CIELCh color 32, 64.831, 326.665 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, 64.831, 326.665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

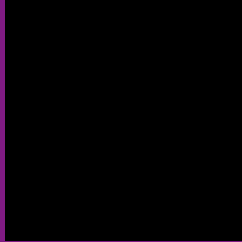
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 64.831, 326.665

Background



This preview shows how black text looks on a background with the CIELCh color 32, 64.831, 326.665.

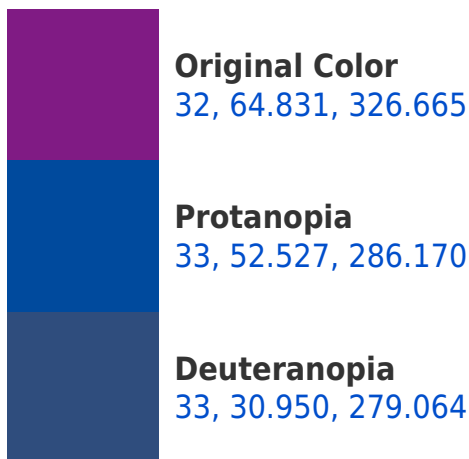


This preview shows how white text looks on a background with the CIELCh color 32, 64.831, 326.665.

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





Tritanopia
32, 29.913, 21.724

Trichromacy



Original Color
32, 64.831, 326.665

Protanomaly
29, 57.994, 297.606

Deuteranomaly
30, 44.320, 304.656

Tritanomaly
31, 38.571, 349.407

Monochromacy



Original Color
32, 64.831, 326.665

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 28.304, 325.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 64.831, 326.665 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(128, 27, 132)` looks like.

```
.text, #text, p{  
    color:rgb(128, 27, 132)  
}
```

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(128, 27, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 27, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 64.831, 326.665 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(128, 27, 132) }
```

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

```
.border{ border-color:rgb(128, 27, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 27, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 27, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 27, 132);  
box-shadow:4px 4px 4px 4px rgb(128, 27,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 64.831, 326.665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 27, 132) }
```

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

```
.background{ background-color: rgb(128, 27,  
132) }
```

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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