

Converting Colors

CIELCh(32, 78.591, 323.850)

Have a look what the booklet for
CIELCh(32, 78.591, 323.850)
contains.

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Color

CIELCh(32, 78.457, 323.677)

Conversions

Conversions Part 1

Format	Color
Hex	840096
RGB	132, 0, 150
RGB Percent	52%, 0%, 59%
CMY	0.4829, 1.0000, 0.4123
CMYK	0.12, 1.00, 0.00, 0.41
HSL	293°, 100%, 29%
HSV	293°, 100%, 59%
XYZ	14.9846, 7.0852, 29.3749
YIQ	56.5680, 30.5220, 74.6340

Conversions

Conversions Part 2

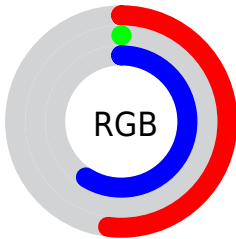
Format	Color
R_{YB}	132, 0, 150
Decimal	8650902
CIE _{Lab}	32.00, 63.21, -46.47
CIE _{LCh}	32, 78.457, 323.677
Yxy	7.0852, 0.2913, 0.1377
Android (android.graphics.Color)	4286840982 (0xFF840096)
YUV	56.5680, 46.0620, 66.1539
Hunter-Lab	26.6180, 53.9049, -46.7983

Details

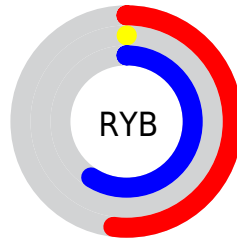
The CIELCh color **32, 78.457, 323.677** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **54, 79.795, 135.306**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 78.292, 323.684**, and **18, 58.446, 320.645** is the 20% darker color. If you saturate the color by 10%, you get **32, 78.406, 323.672**, and if you desaturate by 10%, it is **33, 75.809, 323.872**.

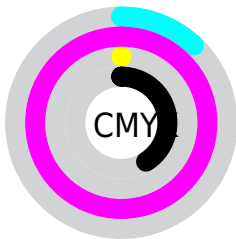
Distribution



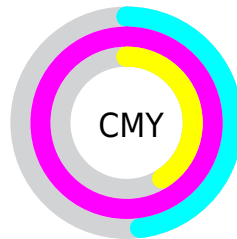
- Red (52%)
- Green (0%)
- Blue (59%)



- Red (52%)
- Yellow (0%)
- Blue (59%)



- Cyan (12%)
- Magenta (100%)
- Yellow (0%)
- Black (41%)




- Cyan (48%)
- Magenta (100%)
- Yellow (41%)
- Black (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 78.457, 323.677 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, 78.457, 323.677 by changing the saturation by 10% instead.


 32, 78.457,
323.677

 32, 78.457,
323.677

 100, 78.457,
323.677


 22, 78.457,
323.677

 52, 78.457,
323.677


 12, 78.457,
323.677

 62, 78.457,
323.677

 2, 78.457, 323.677

 72, 78.457,
323.677

 0, 78.457, 323.677

 82, 78.457,
323.677

 92, 78.457,
323.677

■ 32, 78.457,
323.677

■ 32, 78.457,
323.677

■ 32, 78.406,
323.672

■ 33, 75.809,
323.872

■ 35, 71.722,
323.950

■ 37, 65.761,
323.870

■ 39, 58.228,
323.658

■ 43, 49.526,
323.344

■ 46, 40.053,
322.957

■ 50, 30.143,
322.523

■ 54, 20.054,

322.063

■ 58, 9.968, 321.588

Harmonies

Complementary

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



32, 78.457, 323.677



54, 79.795, 135.306

Rectangle

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



32, 78.457, 323.677



32, 78.457, 13.677



32, 78.457, 143.677



32, 78.457, 193.677

Sweetspot

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



32, 78.406, 323.672



63, 37.170, 322.550



19, 82.842, 303.948



31, 25.268, 322.718



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



32, 78.406, 323.672



42, 94.836, 323.585



32, 59.923, 349.603



29, 5.567, 321.548



29, 73.708, 323.705



1, 4.836, 321.141

Inverse Universe

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



31, 65.286, 33.924



40, 79.818, 34.921



54, 67.228, 143.760



29, 3.380, 10.215



28, 61.120, 33.526



1, 2.878, 9.517

Previews

White Background



This preview shows how the CIELCh color 32, 78.457, 323.677 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, 78.457, 323.677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

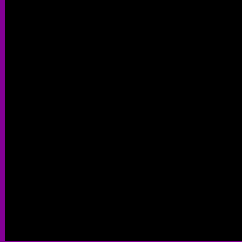
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 78.457, 323.677

Background



This preview shows how black text looks on a background with the CIELCh color 32, 78.457, 323.677.



This preview shows how white text looks on a background with the CIELCh color 32, 78.457, 323.677.

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, 78.457, 323.677

Protanopia

33, 52.968, 285.911

Deuteranopia

33, 39.567, 276.397



Tritanopia
33, 29.195, 20.226

Trichromacy



Original Color
32, 78.457, 323.677



Protanomaly
27, 68.618, 301.334



Deuteranomaly
27, 59.510, 301.025



Tritanomaly
31, 45.617, 342.342

Monochromacy



Original Color
32, 78.457, 323.677



Achromatopsia
24, 0.004, 296.813



Achromatomaly
23, 39.156, 323.360

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 78.457, 323.677 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(132, 0, 150)` looks like.

```
.text, #text, p{  
    color:rgb(132, 0, 150)  
}
```

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(132, 0, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 0, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 78.457, 323.677 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(132, 0, 150) }
```

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

```
.border{ border-color:rgb(132, 0, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 0, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 0, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 0, 150);  
box-shadow:4px 4px 4px 4px rgb(132, 0,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 78.457, 323.677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 0, 150) }
```

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

```
.background{ background-color: rgb(132, 0,  
150) }
```

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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