

Converting Colors

CIELCh(32, 74.674, 314.822)

Have a look what the booklet for
CIELCh(32, 74.674, 314.822)
contains.

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Color

CIELCh(32, 74.412, 314.881)

Conversions

Conversions Part 1

Format	Color
Hex	6D25A0
RGB	109, 37, 160
RGB Percent	43%, 15%, 63%
CMY	0.5732, 0.8556, 0.3732
CMYK	0.32, 0.77, 0.00, 0.37
HSL	275°, 63%, 39%
HSV	275°, 77%, 63%
XYZ	13.2727, 7.0852, 33.8489
YIQ	72.5500, 3.4290, 53.5170

Conversions

Conversions Part 2

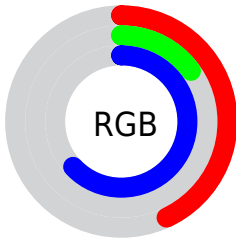
Format	Color
R_{YB}	109, 37, 160
Decimal	7153056
CIE _{Lab}	32.00, 52.51, -52.73
CIE _{LCh}	32, 74.412, 314.881
Yxy	7.0852, 0.2449, 0.1307
Android (android.graphics.Color)	4285343136 (0xFF6D25A0)
YUV	72.5500, 43.1128, 31.9666
Hunter-Lab	26.6180, 42.4255, -56.7638

Details

The CIELCh color **32, 74.412, 314.881** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **59, 68.501, 129.133**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 74.503, 314.861**, and **15, 65.453, 312.573** is the 20% darker color. If you saturate the color by 10%, you get **29, 80.806, 314.734**, and if you desaturate by 10%, it is **35, 66.282, 314.766**.

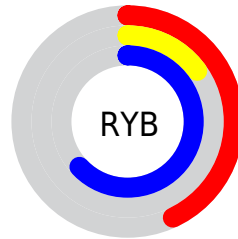
Distribution



Red (43%)

Green (15%)

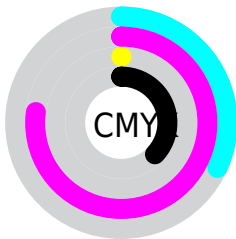
Blue (63%)



Red (43%)

Yellow (15%)

Blue (63%)

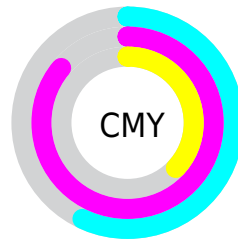


Cyan (32%)

Magenta (77%)

Yellow (0%)

Black (37%)



Cyan (57%)


Magenta (86%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 74.412, 314.881 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, 74.412, 314.881 by changing the saturation by 10% instead.


 32, 74.412,
314.881


 32, 74.412,
314.881

 100, 74.412,
314.881


 22, 74.412,
314.881

 52, 74.412,
314.881


 12, 74.412,
314.881


 62, 74.412,
314.881

 2, 74.412, 314.881

 72, 74.412,
314.881

 0, 74.412, 314.881

 82, 74.412,
314.881

 92, 74.412,
314.881

■ 32, 74.412,
314.881

■ 32, 74.412,
314.881

■ 29, 80.806,
314.734

■ 35, 66.282,
314.766

■ 27, 85.115,
314.273

■ 39, 57.011,
314.474

■ 26, 86.322,
314.134

■ 44, 47.101,
314.077

■ 48, 36.922,
313.628

■ 53, 26.713,
313.163

■ 58, 16.623,
312.705

■ 62, 6.739, 312.261

■ 67, 2.894, 131.920

■ 72, 12.258,
131.519

Harmonies

Complementary

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



32, 74.412, 314.881



59, 68.501, 129.133

Rectangle

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



32, 74.412, 314.881



32, 74.412, 4.881



32, 74.412, 134.881



32, 74.412, 184.881

Sweetspot

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



32, 74.411, 314.881



69, 27.983, 313.000



38, 44.770, 281.765



35, 19.590, 313.158



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



32, 74.411, 314.881



37, 101.469, 314.443



40, 69.874, 330.871



31, 5.443, 312.362



23, 79.422, 314.240



1, 6.995, 310.972

Inverse Universe

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



37, 53.110, 0.570



45, 70.530, 6.856



58, 72.479, 139.277



31, 4.070, 349.282



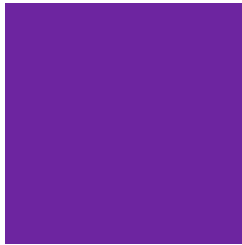
30, 54.882, 9.094



1, 5.182, 349.829

Previews

White Background



This preview shows how the CIELCh color 32, 74.412, 314.881 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, 74.412, 314.881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

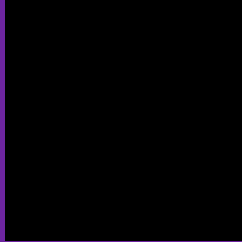
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 74.412, 314.881

Background



This preview shows how black text looks on a background with the CIELCh color 32, 74.412, 314.881.



This preview shows how white text looks on a background with the CIELCh color 32, 74.412, 314.881.

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, 74.412, 314.881

Protanopia

32, 52.016, 286.153

Deuteranopia

32, 37.599, 273.909



Tritanopia
32, 10.762, 4.323

Trichromacy



Original Color
32, 74.412, 314.881

Protanomaly
30, 61.412, 296.350

Deuteranomaly
29, 51.631, 293.110

Tritanomaly
31, 33.859, 322.326

Monochromacy



Original Color
32, 74.412, 314.881

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 30.434, 313.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 74.412, 314.881 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(109, 37, 160)` looks like.

```
.text, #text, p{  
    color:rgb(109, 37, 160)  
}
```

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(109, 37, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 37, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 74.412, 314.881 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(109, 37, 160) }
```

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

```
.border{ border-color:rgb(109, 37, 160) }
```

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

Here you see how a box with a 4 pixel rgb(109, 37, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 37, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 37, 160);  
box-shadow:4px 4px 4px 4px rgb(109, 37,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 74.412, 314.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 37, 160) }
```

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

```
.background{ background-color: rgb(109, 37,  
160) }
```

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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