

Converting Colors

CIELCh(32, 67.371, 294.039)

Have a look what the booklet for
CIELCh(32, 67.371, 294.039)
contains.

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Color

CIELCh(32, 67.623, 294.182)

Conversions

Conversions Part 1

Format	Color
Hex	0F42AE
RGB	15, 66, 174
RGB Percent	6%, 26%, 68%
CMY	0.9419, 0.7404, 0.3167
CMYK	0.92, 0.62, 0.00, 0.32
HSL	221°, 84%, 37%
HSV	221°, 92%, 68%
XYZ	9.8174, 7.0852, 41.0205
YIQ	63.0630, -65.0640, 22.7760

Conversions

Conversions Part 2

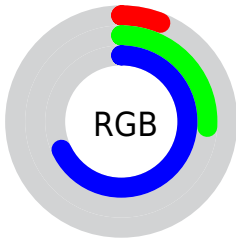
Format	Color
RYB	15, 54, 174
Decimal	1000110
CIELab	32.00, 27.70, -61.69
CIElCh	32, 67.623, 294.182
Yxy	7.0852, 0.1695, 0.1223
Android (android.graphics.Color)	4279190190 (0xFF0F42AE)
YUV	63.0630, 54.6919, -42.1513
Hunter-Lab	26.6180, 19.2542, -72.7383

Details

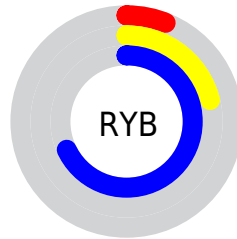
The CIELCh color **32, 67.623, 294.182** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **55, 59.718, 78.693**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 67.590, 294.263**, and **16, 64.182, 301.107** is the 20% darker color. If you saturate the color by 10%, you get **29, 74.469, 297.049**, and if you desaturate by 10%, it is **36, 59.541, 290.635**.

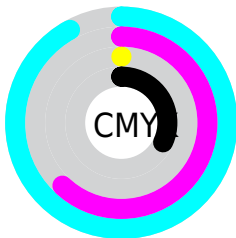
Distribution



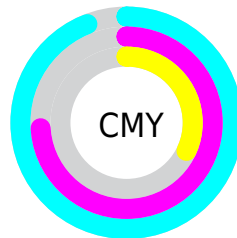
- Red (6%)
- Green (26%)
- Blue (68%)



- Red (6%)
- Yellow (21%)
- Blue (68%)



- Cyan (92%)
- Magenta (62%)
- Yellow (0%)
- Black (32%)





- Cyan (94%)
- Magenta (74%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 67.623, 294.182 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, 67.623, 294.182 by changing the saturation by 10% instead.


 32, 67.623,
294.182


 32, 67.623,
294.182

 100, 67.623,
294.182


 22, 67.623,
294.182

 52, 67.623,
294.182


 12, 67.623,
294.182


 62, 67.623,
294.182

 2, 67.623, 294.182

 72, 67.623,
294.182

 0, 67.623, 294.182

 82, 67.623,
294.182

 92, 67.623,
294.182

■ 32, 67.623,
294.182

■ 32, 67.623,
294.182

■ 29, 74.469,
297.049

■ 36, 59.541,
290.635

■ 40, 51.600,
287.223

■ 44, 43.873,
284.092

■ 48, 36.354,
281.312

■ 53, 29.015,
278.894

■ 57, 21.827,
276.814

■ 61, 14.772,
275.033

■ 66, 7.838, 273.517

Harmonies

Complementary

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



32, 67.623, 294.182



55, 59.718, 78.693

Rectangle

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



32, 67.623, 294.182



32, 67.623, 344.182



32, 67.623, 114.182



32, 67.623, 164.182

Sweetspot

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



32, 67.623, 294.183



75, 23.113, 276.063



63, 52.769, 161.209



38, 15.745, 276.681



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



32, 67.623, 294.183



38, 92.400, 297.679



23, 94.805, 306.643



34, 3.837, 273.217



25, 66.017, 296.617



2, 8.585, 276.358

Inverse Universe

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



37, 62.425, 14.486



48, 79.802, 19.900



67, 72.156, 112.388



34, 4.168, 355.237



31, 58.311, 18.071



2, 8.390, 358.579

Previews

White Background



This preview shows how the CIE LCh color 32, 67.623, 294.182 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, 67.623, 294.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

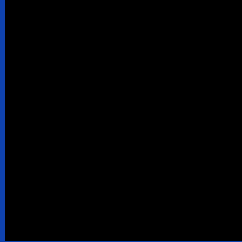
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 67.623, 294.182

Background



This preview shows how black text looks on a background with the CIELCh color 32, 67.623, 294.182.



This preview shows how white text looks on a background with the CIELCh color 32, 67.623, 294.182.

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, 67.613, 294.229

Protanopia

32, 51.504, 286.135

Deuteranopia

32, 35.985, 272.432



Tritanopia
32, 21.794, 203.303

Trichromacy



Original Color
32, 67.613, 294.229

Protanomaly
32, 57.456, 289.615

Deuteranomaly
32, 47.313, 283.868

Tritanomaly
31, 29.233, 262.446

Monochromacy



Original Color
32, 67.613, 294.229

Achromatopsia
27, 0.004, 296.813

Achromatomaly
27, 25.705, 281.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 67.623, 294.182 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(15, 66, 174)` looks like.

```
.text, #text, p{  
    color:rgb(15, 66, 174)  
}
```

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(15, 66, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 66, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 67.623, 294.182 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(15, 66, 174) }
```

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

```
.border{ border-color:rgb(15, 66, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 66, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 66, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 66, 174);  
box-shadow:4px 4px 4px 4px rgb(15, 66,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 67.623, 294.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 66, 174) }
```

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

```
.background{ background-color: rgb(15, 66,  
174) }
```

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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