

Converting Colors

CIELCh(32, 29.849, 295.745)

Have a look what the booklet for
CIELCh(32, 29.849, 295.745)
contains.

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Color

CIELCh(32, 30.444, 295.945)

Conversions

Conversions Part 1

Format	Color
Hex	474676
RGB	71, 70, 118
RGB Percent	28%, 27%, 46%
CMY	0.7203, 0.7243, 0.5360
CMYK	0.40, 0.41, 0.00, 0.54
HSL	241°, 25%, 37%
HSV	241°, 41%, 46%
XYZ	8.1204, 7.0852, 18.1818
YIQ	75.7710, -14.8120, 15.1400

Conversions

Conversions Part 2

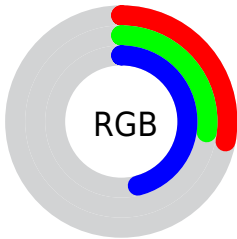
Format	Color
R_{YB}	71, 70, 118
Decimal	4671094
CIE Lab	32.00, 13.32, -27.38
CIE LCh	32, 30.444, 295.945
Yxy	7.0852, 0.2432, 0.2122
Android (android.graphics.Color)	4282861174 (0xFF474676)
YUV	75.7710, 20.8189, -4.1842
Hunter-Lab	26.6180, 7.8737, -21.8664

Details

The CIELCh color **32, 30.444, 295.945** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **49, 27.568, 107.425**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 30.317, 295.774**, and **12, 30.252, 295.767** is the 20% darker color. If you saturate the color by 10%, you get **28, 38.709, 297.664**, and if you desaturate by 10%, it is **36, 22.481, 294.439**.

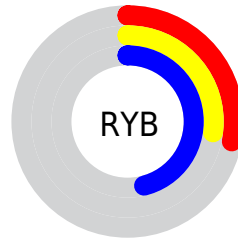
Distribution



Red (28%)

Green (27%)

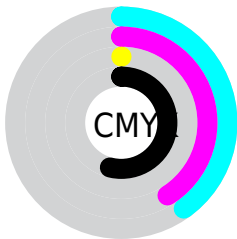
Blue (46%)



Red (28%)

Yellow (27%)

Blue (46%)

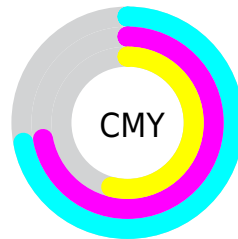


Cyan (40%)

Magenta (41%)

Yellow (0%)

Black (54%)



Cyan (72%)

Magenta (72%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 30.444, 295.945 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, 30.444, 295.945 by changing the saturation by 10% instead.

■ 32, 30.444,
295.945

■ 32, 30.444,
295.945

■ 100, 30.444,
295.945

■ 22, 30.444,
295.945

■ 52, 30.444,
295.945

■ 12, 30.444,
295.945

■ 62, 30.444,
295.945

■ 2, 30.444, 295.945

■ 72, 30.444,
295.945

■ 0, 30.444, 295.945

■ 82, 30.444,
295.945

■ 92, 30.444,
295.945

■ 32, 30.444,
295.945

■ 32, 30.444,
295.945

■ 28, 38.709,
297.664

■ 36, 22.481,
294.439

■ 24, 47.207,
299.569

■ 41, 14.833,
293.139

■ 20, 55.716,
301.573

■ 45, 7.484, 292.026

■ 16, 63.735,
303.498

■ 50, 0.416, 291.159

■ 54, 6.393, 110.244

■ 14, 70.366,
305.075

■ 58, 12.960,
109.546

■ 11, 75.736,
306.394

■ 62, 19.302,
108.944

■ 67, 25.433,
108.423

■ 71, 31.369,
107.971

Harmonies

Complementary

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



32, 30.444, 295.945



49, 27.568, 107.425

Rectangle

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



32, 30.444, 295.945



32, 30.444, 345.945



32, 30.444, 115.945



32, 30.444, 165.945

Sweetspot

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



32, 30.443, 295.945



57, 10.500, 292.203



46, 16.744, 199.240



28, 6.935, 292.303



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



32, 30.443, 295.945



37, 46.239, 297.594



34, 31.449, 311.537



22, 3.938, 291.868



12, 77.599, 306.390



32, 131.689, 306.330

Inverse Universe

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



37, 33.933, 327.111



45, 49.826, 327.563



47, 29.817, 127.846



23, 4.689, 325.462



28, 66.061, 329.064



59, 111.899, 329.111

Previews

White Background



This preview shows how the CIE LCh color 32, 30.444, 295.945 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 CIE LCh color 32, 30.444, 295.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

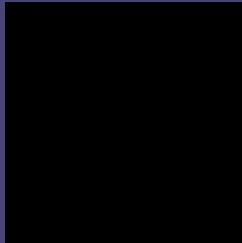
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 30.444, 295.945

Background



This preview shows how black text looks on a background with the CIELCh color 32, 30.444, 295.945.



This preview shows how white text looks on a background with the CIELCh color 32, 30.444, 295.945.

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, 30.444, 295.945

Protanopia

32, 29.925, 285.074

Deuteranopia

32, 27.094, 280.057



Tritanopia
32, 7.002, 231.715

Trichromacy



Original Color
32, 30.444, 295.945

Protanomaly
32, 29.787, 288.441

Deuteranomaly
32, 28.004, 286.352

Tritanomaly
32, 13.626, 278.072

Monochromacy



Original Color
32, 30.444, 295.945

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 10.783, 292.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 30.444, 295.945 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(71, 70, 118)` looks like.

```
.text, #text, p{  
    color:rgb(71, 70, 118)  
}
```

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(71, 70, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 70, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 30.444, 295.945 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(71, 70, 118) }
```

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

```
.border{ border-color:rgb(71, 70, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 70, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 70, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 70, 118);  
box-shadow:4px 4px 4px 4px rgb(71, 70,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 30.444, 295.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 70, 118) }
```

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

```
.background{ background-color: rgb(71, 70,  
118) }
```

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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