

Converting Colors

CIELCh(32, 30.736, 275.173)

Have a look what the booklet for
CIELCh(32, 30.736, 275.173)
contains.

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Color

CIELCh(32, 30.844, 275.582)

Conversions

Conversions Part 1

Format	Color
Hex	274C7B
RGB	39, 76, 123
RGB Percent	15%, 30%, 48%
CMY	0.8490, 0.7004, 0.5160
CMYK	0.69, 0.38, 0.00, 0.52
HSL	213°, 52%, 32%
HSV	213°, 69%, 48%
XYZ	7.0315, 7.0852, 19.8773
YIQ	70.2950, -37.1390, 6.7730

Conversions

Conversions Part 2

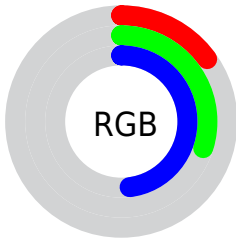
Format	Color
R_{YB}	39, 65, 123
Decimal	2575483
CIE _{Lab}	32.00, 3.00, -30.70
CIE _{LCh}	32, 30.844, 275.582
Yxy	7.0852, 0.2068, 0.2084
Android (android.graphics.Color)	4280765563 (0xFF274C7B)
YUV	70.2950, 25.9836, -27.4457
Hunter-Lab	26.6180, 0.5715, -25.6429

Details

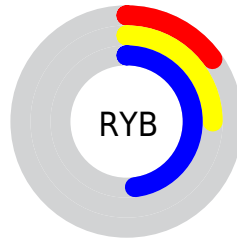
The CIELCh color **32, 30.844, 275.582** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **40, 34.633, 72.103**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 30.620, 275.713**, and **13, 29.614, 284.182** is the 20% darker color. If you saturate the color by 10%, you get **29, 35.343, 279.137**, and if you desaturate by 10%, it is **35, 26.386, 272.431**.

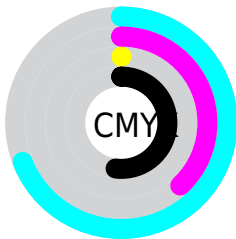
Distribution



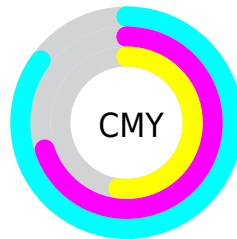
- Red (15%)
- Green (30%)
- Blue (48%)



- Red (15%)
- Yellow (25%)
- Blue (48%)



- Cyan (69%)
- Magenta (38%)
- Yellow (0%)
- Black (52%)



- Cyan (85%)
- Magenta (70%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 30.844, 275.582 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, 30.844, 275.582 by changing the saturation by 10% instead.

■ 32, 30.844,
275.582

■ 32, 30.844,
275.582

■ 100, 30.844,
275.582

■ 22, 30.844,
275.582

■ 52, 30.844,
275.582

■ 12, 30.844,
275.582

■ 62, 30.844,
275.582

■ 2, 30.844, 275.582

■ 72, 30.844,
275.582

■ 0, 30.844, 275.582

■ 82, 30.844,
275.582

■ 92, 30.844,
275.582

■ 32, 30.844,
275.582

■ 32, 30.844,
275.582

■ 29, 35.343,
279.137

■ 35, 26.386,
272.431

■ 27, 39.928,
283.024

■ 38, 21.935,
269.691

■ 25, 44.659,
286.908

■ 40, 17.471,
267.340

■ 24, 45.240,
287.332

■ 43, 12.988,
265.334

■ 46, 8.487, 263.630

■ 49, 3.976, 262.196

■ 52, 0.535, 80.454

■ 55, 5.036, 79.752

■ 58, 9.518, 78.831

Harmonies

Complementary

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



32, 30.844, 275.582



40, 34.633, 72.103

Rectangle

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



32, 30.844, 275.582



32, 30.844, 325.582



32, 30.844, 95.582



32, 30.844, 145.582

Sweetspot

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



32, 30.843, 275.583



58, 11.758, 264.064



46, 37.448, 158.582



29, 8.018, 264.440



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



32, 30.843, 275.583



37, 46.244, 281.518



21, 56.065, 301.772



24, 2.527, 262.229



25, 45.699, 287.390



50, 81.276, 289.780

Inverse Universe

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



30, 40.395, 355.597



36, 55.994, 359.981



50, 45.820, 106.703



24, 3.352, 347.366



26, 49.783, 5.437



54, 83.821, 8.229

Previews

White Background



This preview shows how the CIE LCh color 32, 30.844, 275.582 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, 30.844, 275.582 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, 30.844, 275.582

Background



This preview shows how black text looks on a background with the CIELCh color 32, 30.844, 275.582.



This preview shows how white text looks on a background with the CIELCh color 32, 30.844, 275.582.

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, 30.791, 275.938

Protanopia

32, 29.925, 285.074

Deuteranopia

32, 31.104, 278.393



Tritanopia
32, 20.465, 209.470

Trichromacy



Original Color
32, 30.791, 275.938

Protanomaly
32, 30.219, 281.016

Deuteranomaly
32, 31.206, 277.622

Tritanomaly
32, 20.835, 237.818

Monochromacy



Original Color
32, 30.791, 275.938

Achromatopsia
30, 0.005, 296.813

Achromatomaly
30, 11.775, 267.276

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 30.844, 275.582 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(39, 76, 123)` looks like.

```
.text, #text, p{  
    color:rgb(39, 76, 123)  
}
```

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(39, 76, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 76, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 30.844, 275.582 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(39, 76, 123) }
```

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

```
.border{ border-color:rgb(39, 76, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 76, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 76, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 76, 123);  
box-shadow:4px 4px 4px 4px rgb(39, 76,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 32, 30.844, 275.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 76, 123) }
```

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

```
.background{ background-color: rgb(39, 76,  
123) }
```

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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