

Converting Colors

CIELCh(32, 8.974, 32.757)

Have a look what the booklet for
CIELCh(32, 8.974, 32.757) contains.

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Color

CIELCh(32, 8.999, 32.771)

Conversions

Conversions Part 1

Format	Color
Hex	5A4744
RGB	90, 71, 68
RGB Percent	35%, 28%, 27%
CMY	0.6473, 0.7218, 0.7336
CMYK	0.00, 0.21, 0.24, 0.65
HSL	8°, 14%, 31%
HSV	8°, 24%, 35%
XYZ	7.5004, 7.0852, 6.4310
YIQ	76.3390, 12.2870, 3.0950

Conversions

Conversions Part 2

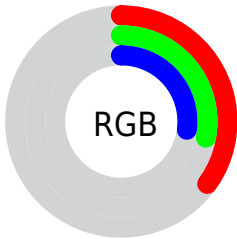
Format	Color
R_{YB}	90, 71, 68
Decimal	5916484
CIE Lab	32.00, 7.57, 4.87
CIE LCh	32, 8.999, 32.771
Yxy	7.0852, 0.3569, 0.3371
Android (android.graphics.Color)	4284106564 (0xFF5A4744)
YUV	76.3390, -4.1111, 11.9807
Hunter-Lab	26.6180, 3.7165, 4.3080

Details

The CIELCh color **32, 8.999, 32.771** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36, 7.706, 212.564**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 8.932, 31.461**, and **12, 9.055, 35.318** is the 20% darker color. If you saturate the color by 10%, you get **30, 13.175, 33.196**, and if you desaturate by 10%, it is **35, 5.118, 32.498**.

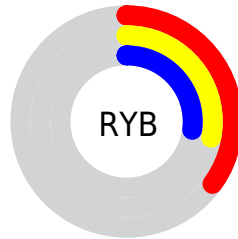
Distribution



Red (35%)

Green (28%)

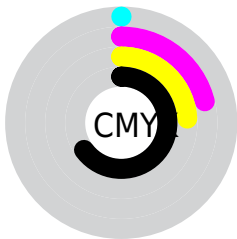
Blue (27%)



Red (35%)

Yellow (28%)

Blue (27%)

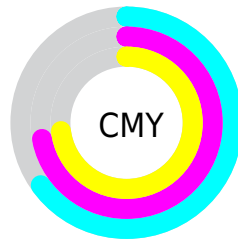


Cyan (0%)

Magenta (21%)

Yellow (24%)

Black (65%)



Cyan (65%)

Magenta (72%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 8.999, 32.771 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, 8.999, 32.771 by changing the saturation by 10% instead.

■ 32, 8.999, 32.771 ■ 32, 8.999, 32.771

■ 100, 8.999, 32.771 ■ 22, 8.999, 32.771

■ 52, 8.999, 32.771 ■ 12, 8.999, 32.771

■ 62, 8.999, 32.771 ■ 2, 8.999, 32.771

■ 72, 8.999, 32.771 ■ 0, 8.999, 32.771

■ 82, 8.999, 32.771

■ 92, 8.999, 32.771

■ 32, 8.999, 32.771 ■ 32, 8.999, 32.771

■ 30, 13.175, 33.196 ■ 35, 5.118, 32.498

■ 27, 17.652, 33.799 ■ 37, 1.519, 32.217

■ 25, 22.415, 34.634

■ 40, 1.821, 212.546

■ 23, 27.421, 35.737

■ 42, 4.925, 212.461

■ 21, 32.582, 37.123

■ 45, 7.817, 212.513

■ 20, 37.527, 38.331

■ 48, 10.522,
212.616

■ 18, 41.325, 38.327

■ 50, 13.060,
212.752

■ 18, 43.202, 38.613

■ 53, 15.451,
212.912

■ 55, 17.713,
213.086

Harmonies

Complementary

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



32, 8.999, 32.771



36, 7.706, 212.564

Rectangle

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



32, 8.999, 32.771



32, 8.999, 82.771



32, 8.999, 212.771



32, 8.999, 262.771

Sweetspot

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



32, 8.998, 32.779



47, 3.000, 32.325



32, 15.234, 329.645



23, 1.932, 32.331



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



32, 8.998, 32.779



40, 13.565, 32.988



35, 9.419, 85.456



17, 1.974, 32.368



22, 51.810, 40.382



51, 96.554, 41.581

Inverse Universe

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



36, 7.706, 212.564



45, 11.170, 212.679



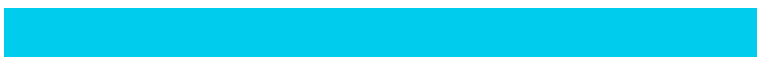
32, 9.284, 271.702



18, 1.874, 212.477



36, 23.545, 220.420



76, 41.372, 222.215

Previews

White Background



This preview shows how the CIELCh color 32, 8.999, 32.771 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, 8.999, 32.771 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, 8.999, 32.771

Background



This preview shows how black text looks on a background with the CIELCh color 32, 8.999, 32.771.

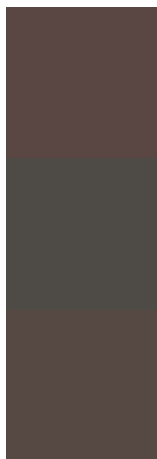


This preview shows how white text looks on a background with the CIELCh color 32, 8.999, 32.771.

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, 8.999, 32.771

Protanopia

32, 3.422, 86.443

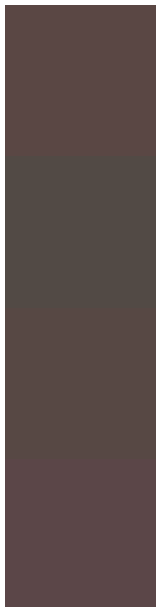
Deuteranopia

32, 6.772, 47.772



Tritanopia
32, 9.893, 2.588

Trichromacy



Original Color
32, 8.999, 32.771

Protanomaly
32, 4.813, 60.584

Deuteranomaly
32, 7.368, 40.287

Tritanomaly
32, 9.601, 13.497

Monochromacy



Original Color
32, 8.999, 32.771

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 3.177, 31.223

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 8.999, 32.771 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(90, 71, 68)` looks like.

```
.text, #text, p{  
    color:rgb(90, 71, 68)  
}
```

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(90, 71, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 71, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 8.999, 32.771 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(90, 71, 68) }
```

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

```
.border{ border-color:rgb(90, 71, 68) }
```

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

Here you see how a box with a 4 pixel rgb(90, 71, 68) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 71, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 71, 68);  
box-shadow:4px 4px 4px 4px rgb(90, 71, 68)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 8.999, 32.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 71, 68) }
```

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

```
.background{ background-color: rgb(90, 71,  
68) }
```

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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