

Converting Colors

CIELCh(32, 25.953, 141.702)

Have a look what the booklet for
CIELCh(32, 25.953, 141.702)
contains.

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Color

CIELCh(32, 25.999, 141.665)

Conversions

Conversions Part 1	
Format	Color
Hex	315331
RGB	49, 83, 49
RGB Percent	19%, 33%, 19%
CMY	0.8074, 0.6740, 0.8074
CMYK	0.41, 0.00, 0.41, 0.67
HSL	120°, 26%, 26%
HSV	120°, 41%, 33%
XYZ	4.9327, 7.0852, 4.0265
YIQ	68.9580, -9.3500, -17.7820

Conversions

Conversions Part 2

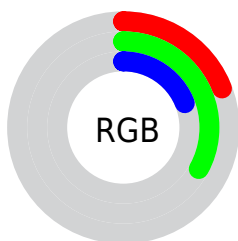
Format	Color
RYB	49, 83, 83
Decimal	3232561
CIELab	32.00, -20.39, 16.13
CIELCh	32, 25.999, 141.665
Yxy	7.0852, 0.3074, 0.4416
Android (android.graphics.Color)	4281422641 (0xFF315331)
YUV	68.9580, -9.8393, -17.5032
Hunter-Lab	26.6180, -13.5027, 9.6638

Details

The CIELCh color **32, 25.999, 141.665** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **26, 25.964, 326.436**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 25.941, 141.969**, and **12, 26.301, 141.652** is the 20% darker color. If you saturate the color by 10%, you get **31, 32.009, 140.735**, and if you desaturate by 10%, it is **33, 19.739, 142.498**.

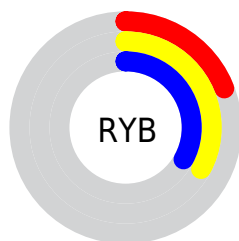
Distribution



Red (19%)

Green (33%)

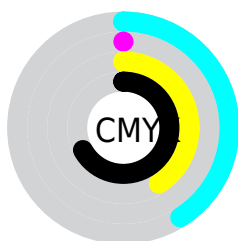
Blue (19%)



Red (19%)

Yellow (33%)

Blue (33%)

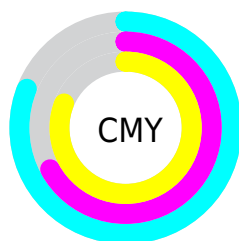


Cyan (41%)

Magenta (0%)

Yellow (41%)

Black (67%)



Cyan (81%)


Magenta (67%)


Yellow (81%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 25.999, 141.665 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, 25.999, 141.665 by changing the saturation by 10% instead.

 32, 25.999,
141.665


 32, 25.999,
141.665

 100, 25.999,
141.665


 22, 25.999,
141.665

 52, 25.999,
141.665


 12, 25.999,
141.665


 62, 25.999,
141.665

 2, 25.999, 141.665

 72, 25.999,
141.665

 0, 25.999, 141.665

 82, 25.999,
141.665

 92, 25.999,
141.665

■ 32, 25.999,
141.665

■ 32, 25.999,
141.665

■ 31, 32.009,
140.735

■ 33, 19.739,
142.498

■ 31, 37.612,
139.726

■ 33, 13.352,
143.229

■ 31, 42.624,
138.687

■ 34, 6.939, 143.869

■ 30, 46.836,
137.697

■ 35, 0.572, 144.632

■ 36, 5.693, 324.833

■ 30, 50.096,
136.847

■ 37, 11.819,
325.244

■ 30, 53.029,
136.014

■ 39, 17.783,
325.590

■ 40, 23.571,
325.885

■ 41, 29.177,
326.140

Harmonies

Complementary

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



32, 25.999, 141.665



26, 25.964, 326.436

Rectangle

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



32, 25.999, 141.665



32, 25.999, 191.665



32, 25.999, 321.665



32, 25.999, 11.665

Sweetspot

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



32, 26.000, 141.665



44, 9.414, 143.779



34, 20.481, 105.859



21, 6.173, 143.744



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



32, 26.000, 141.665



41, 37.991, 140.762



32, 18.105, 159.171



16, 3.494, 144.002



38, 62.192, 136.015



81, 111.531, 136.015

Inverse Universe

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



26, 25.964, 326.436



32, 37.844, 326.863



25, 18.860, 346.334



15, 3.500, 324.847



24, 60.006, 328.227



55, 107.611, 328.226

Previews

White Background



This preview shows how the CIELCh color 32, 25.999, 141.665 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, 25.999, 141.665 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, 25.999, 141.665

Background



This preview shows how black text looks on a background with the CIELCh color 32, 25.999, 141.665.

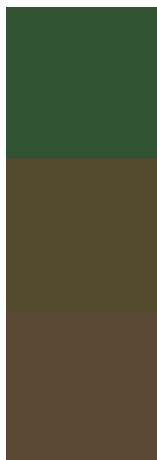


This preview shows how white text looks on a background with the CIELCh color 32, 25.999, 141.665.

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, 25.999, 141.665

Protanopia

32, 18.437, 96.038

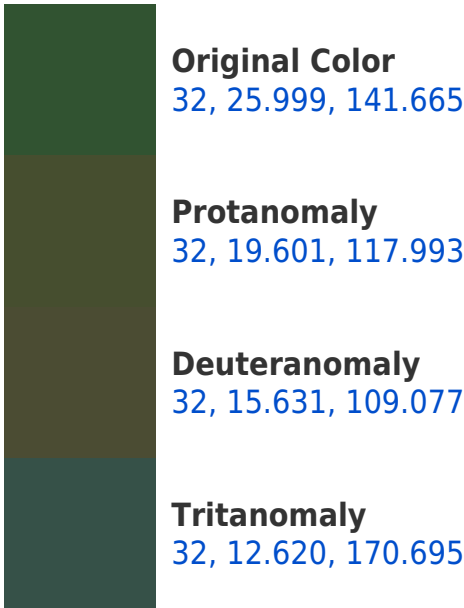
Deuteranopia

32, 15.552, 73.219

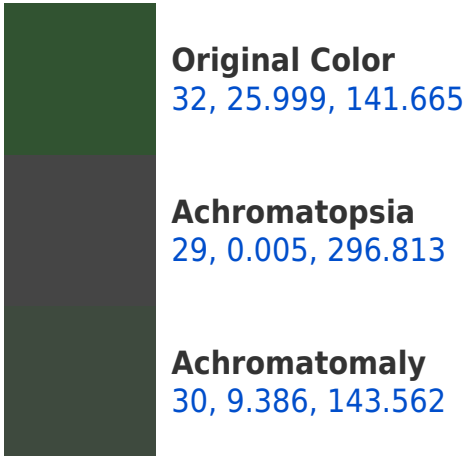


Tritanopia
32, 9.550, 221.883

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 25.999, 141.665 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(49, 83, 49)` looks like.

```
.text, #text, p{  
    color:rgb(49, 83, 49)  
}
```

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(49, 83, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 83, 49) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 25.999, 141.665 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(49, 83, 49) }
```

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

```
.border{ border-color:rgb(49, 83, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 83, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 83, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 83, 49);  
box-shadow:4px 4px 4px 4px rgb(49, 83, 49)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 25.999, 141.665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 83, 49) }
```

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

```
.background{ background-color: rgb(49, 83,  
49) }
```

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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