

Converting Colors

CIELCh(32, 31.717, 143.122)

Have a look what the booklet for
CIELCh(32, 31.717, 143.122)
contains.

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Color

CIELCh(32, 31.867, 142.875)

Conversions

Conversions Part 1

Format	Color
Hex	28552C
RGB	40, 85, 44
RGB Percent	16%, 33%, 17%
CMY	0.8441, 0.6676, 0.8283
CMYK	0.53, 0.00, 0.48, 0.67
HSL	125°, 36%, 24%
HSV	125°, 53%, 33%
XYZ	4.5454, 7.0852, 3.4890
YIQ	66.8710, -13.6590, -22.2910

Conversions

Conversions Part 2

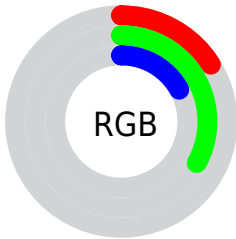
Format	Color
R_{YB}	40, 81, 85
Decimal	2643244
CIE _{Lab}	32.00, -25.41, 19.23
CIE _{LCh}	32, 31.867, 142.875
Yxy	7.0852, 0.3006, 0.4686
Android (android.graphics.Color)	4280833324 (0xFF28552C)
YUV	66.8710, -11.2754, -23.5659
Hunter-Lab	26.6180, -16.0998, 10.8609

Details

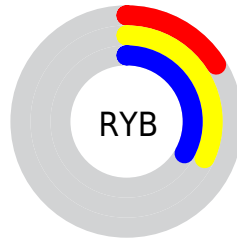
The CIELCh color **32, 31.867, 142.875** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **24, 31.695, 329.738**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 31.910, 142.653**, and **12, 29.257, 142.684** is the 20% darker color. If you saturate the color by 10%, you get **32, 37.215, 141.762**, and if you desaturate by 10%, it is **33, 26.148, 143.880**.

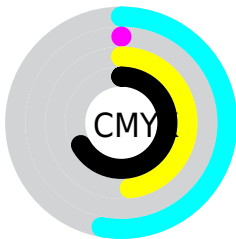
Distribution



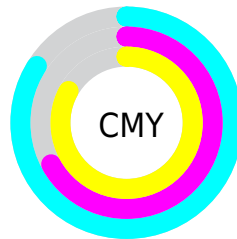
- Red (16%)
- Green (33%)
- Blue (17%)



- Red (16%)
- Yellow (32%)
- Blue (33%)



- Cyan (53%)
- Magenta (0%)
- Yellow (48%)
- Black (67%)





- Cyan (84%)
- Magenta (67%)
- Yellow (83%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 31.867, 142.875 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, 31.867, 142.875 by changing the saturation by 10% instead.


 32, 31.867,
142.875


 32, 31.867,
142.875

 100, 31.867,
142.875


 22, 31.867,
142.875

 52, 31.867,
142.875


 12, 31.867,
142.875


 62, 31.867,
142.875

 2, 31.867, 142.875

 72, 31.867,
142.875

 0, 31.867, 142.875

 82, 31.867,
142.875

 92, 31.867,
142.875

■ 32, 31.867,
142.875

■ 32, 31.867,
142.875

■ 32, 37.215,
141.762

■ 33, 26.148,
143.880

■ 31, 42.043,
140.566

■ 33, 20.187,
144.769

■ 31, 46.195,
139.341

■ 34, 14.096,
145.548

■ 31, 49.558,
138.229

■ 35, 7.966, 146.228

■ 31, 51.542,
137.743

■ 36, 1.868, 146.870

■ 37, 4.145, 327.256

■ 38, 10.034,
327.712

■ 39, 15.774,
328.095

■ 40, 21.350,
328.427

Harmonies

Complementary

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



32, 31.867, 142.875



24, 31.695, 329.738

Rectangle

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



32, 31.867, 142.875



32, 31.867, 192.875



32, 31.867, 322.875



32, 31.867, 12.875

Sweetspot

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



32, 31.868, 142.875



44, 12.057, 146.004



35, 27.084, 109.459



22, 8.209, 145.924



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



32, 31.868, 142.875



41, 46.373, 141.406



32, 21.553, 163.168



17, 3.459, 146.497



39, 61.229, 137.364



81, 110.754, 136.643

Inverse Universe

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



24, 31.695, 329.738



29, 45.666, 330.374



23, 23.473, 354.163



16, 3.467, 327.386



24, 57.097, 331.936



54, 101.045, 332.210

Previews

White Background



This preview shows how the CIELCh color 32, 31.867, 142.875 looks on a white background.

Color Contrast Check

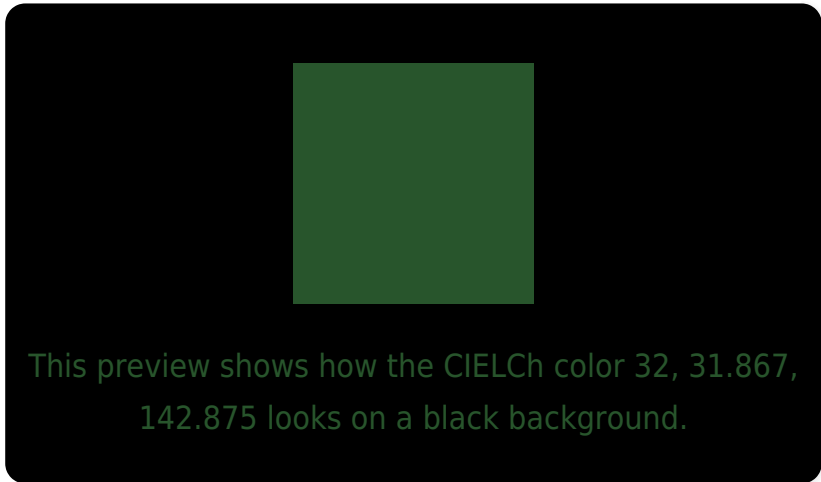
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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, 31.867, 142.875

Background



This preview shows how black text looks on a background with the CIELCh color 32, 31.867, 142.875.



This preview shows how white text looks on a background with the CIELCh color 32, 31.867, 142.875.

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, 31.867, 142.875

Protanopia

32, 22.073, 95.686

Deuteranopia

32, 18.547, 76.507



Tritanopia
32, 11.713, 217.035

Trichromacy



Original Color
32, 31.867, 142.875

Protanomaly
32, 24.038, 119.957

Deuteranomaly
32, 19.387, 113.845

Tritanomaly
32, 16.135, 171.448

Monochromacy



Original Color
32, 31.867, 142.875

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 11.520, 146.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 31.867, 142.875 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(40, 85, 44)` looks like.

```
.text, #text, p{  
    color:rgb(40, 85, 44)  
}
```

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(40, 85, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 85, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 31.867, 142.875 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(40, 85, 44) }
```

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

```
.border{ border-color:rgb(40, 85, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 85, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 85, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 85, 44);  
box-shadow:4px 4px 4px 4px rgb(40, 85, 44)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 31.867, 142.875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 85, 44) }
```

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

```
.background{ background-color: rgb(40, 85,  
44) }
```

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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