

Converting Colors

CIELCh(32, 9.897, 143.948)

Have a look what the booklet for
CIELCh(32, 9.897, 143.948) contains.

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Color

CIELCh(32, 10.058, 143.536)

Conversions

Conversions Part 1

Format	Color
Hex	424F42
RGB	66, 79, 66
RGB Percent	26%, 31%, 26%
CMY	0.7424, 0.6914, 0.7423
CMYK	0.17, 0.00, 0.17, 0.69
HSL	120°, 9%, 28%
HSV	120°, 17%, 31%
XYZ	5.9749, 7.0852, 6.1607
YIQ	73.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

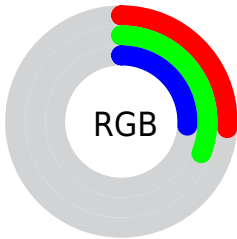
Format	Color
RYB	66, 79, 79
Decimal	4345666
CIELab	32.00, -8.09, 5.98
CIElCh	32, 10.058, 143.536
Yxy	7.0852, 0.3109, 0.3686
Android (android.graphics.Color)	4282535746 (0xFF424F42)
YUV	73.6310, -3.7621, -6.6924
Hunter-Lab	26.6180, -6.5141, 4.9099

Details

The CIELCh color **32, 10.058, 143.536** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30, 10.069, 325.249**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 9.929, 143.836**, and **12, 10.573, 142.679** is the 20% darker color. If you saturate the color by 10%, you get **31, 16.183, 142.854**, and if you desaturate by 10%, it is **33, 3.943, 144.142**.

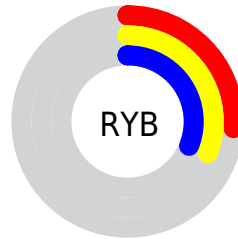
Distribution



Red (26%)

Green (31%)

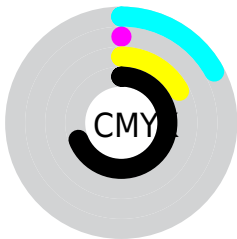
Blue (26%)



Red (26%)

Yellow (31%)

Blue (31%)

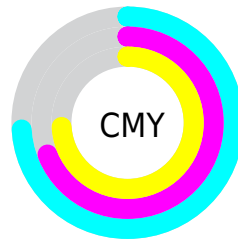


Cyan (17%)

Magenta (0%)

Yellow (17%)

Black (69%)



Cyan (74%)


Magenta (69%)


Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 10.058, 143.536 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, 10.058, 143.536 by changing the saturation by 10% instead.


 32, 10.058,
143.536


 32, 10.058,
143.536

 100, 10.058,
143.536


 22, 10.058,
143.536

 52, 10.058,
143.536


 12, 10.058,
143.536


 62, 10.058,
143.536

 2, 10.058, 143.536

 72, 10.058,
143.536

 0, 10.058, 143.536

 82, 10.058,
143.536

 92, 10.058,
143.536

■ 32, 10.058,
143.536

■ 32, 10.058,
143.536

■ 31, 16.183,
142.854

■ 33, 3.943, 144.142

■ 31, 22.235,
142.075

■ 34, 2.102, 324.548

■ 35, 8.035, 325.026

■ 30, 28.107,
141.197

■ 36, 13.824,
325.403

■ 29, 33.668,
140.229

■ 37, 19.453,
325.725

■ 29, 38.757,
139.205

■ 38, 24.913,
326.000

■ 29, 43.189,
138.186

■ 40, 30.200,
326.238

■ 28, 46.758,
137.265

■ 41, 35.316,
326.444

■ 28, 49.896,

136.375

■ 42, 40.267,
326.623

■ 28, 51.075,
136.025

Harmonies

Complementary

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



32, 10.058, 143.536



30, 10.069, 325.249

Rectangle

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



32, 10.058, 143.536



32, 10.058, 193.536



32, 10.058, 323.536



32, 10.058, 13.536

Sweetspot

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



32, 10.059, 143.536



43, 3.748, 144.222



33, 8.129, 108.735



21, 2.526, 144.200



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



32, 10.059, 143.536



41, 15.120, 143.261



32, 6.988, 162.397



15, 3.306, 144.017



37, 61.118, 136.018



80, 110.604, 136.017

Inverse Universe

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



30, 10.069, 325.249



37, 15.132, 325.460



29, 7.122, 344.905



14, 3.312, 324.846



23, 58.967, 328.237



54, 106.708, 328.237

Previews

White Background



This preview shows how the CIE LCh color 32, 10.058, 143.536 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 CIELCh color 32, 10.058, 143.536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

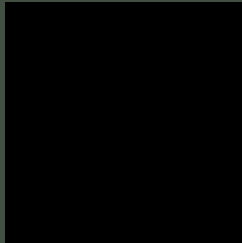
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 10.058, 143.536

Background



This preview shows how black text looks on a background with the CIELCh color 32, 10.058, 143.536.

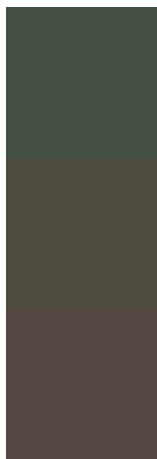


This preview shows how white text looks on a background with the CIELCh color 32, 10.058, 143.536.

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

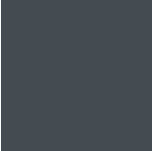
32, 10.058, 143.536

Protanopia

32, 7.173, 94.007

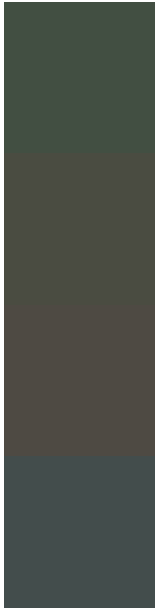
Deuteranopia

32, 6.791, 47.764



Tritanopia
32, 4.966, 249.307

Trichromacy



Original Color
32, 10.058, 143.536

Protanomaly
32, 6.996, 116.380

Deuteranomaly
32, 4.779, 86.991

Tritanomaly
32, 4.295, 190.309

Monochromacy



Original Color
32, 10.058, 143.536

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 3.880, 144.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 10.058, 143.536 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(66, 79, 66)` looks like.

```
.text, #text, p{  
    color:rgb(66, 79, 66)  
}
```

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(66, 79, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 79, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 10.058, 143.536 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(66, 79, 66) }
```

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

```
.border{ border-color:rgb(66, 79, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 79, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 79, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 79, 66);  
box-shadow:4px 4px 4px 4px rgb(66, 79, 66)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 10.058, 143.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 79, 66) }
```

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

```
.background{ background-color: rgb(66, 79,  
66) }
```

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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