

Converting Colors

CIELCh(32, 11.511, 120.775)

Have a look what the booklet for
CIELCh(32, 11.511, 120.775)
contains.

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Color

CIELCh(32, 11.623, 121.905)

Conversions

Conversions Part 1

Format	Color
Hex	484E3C
RGB	72, 78, 60
RGB Percent	28%, 31%, 24%
CMY	0.7190, 0.6955, 0.7660
CMYK	0.08, 0.00, 0.23, 0.70
HSL	80°, 13%, 27%
HSV	80°, 23%, 30%
XYZ	6.1520, 7.0852, 5.2711
YIQ	74.1540, 2.2020, -6.8700

Conversions

Conversions Part 2

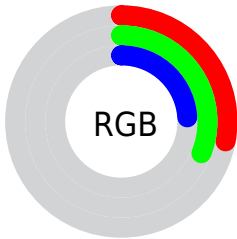
Format	Color
RYB	60, 78, 66
Decimal	4738620
CIELab	32.00, -6.14, 9.87
CIELCh	32, 11.623, 121.905
Yxy	7.0852, 0.3324, 0.3828
Android (android.graphics.Color)	4282928700 (0xFF484E3C)
YUV	74.1540, -6.9779, -1.8891
Hunter-Lab	26.6180, -5.3259, 6.8915

Details

The CIELCh color **32, 11.623, 121.905** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **26, 12.083, 304.315**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 11.805, 120.937**, and **12, 11.638, 123.190** is the 20% darker color. If you saturate the color by 10%, you get **32, 16.581, 121.401**, and if you desaturate by 10%, it is **32, 6.615, 122.415**.

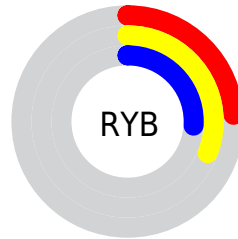
Distribution



Red (28%)

Green (31%)

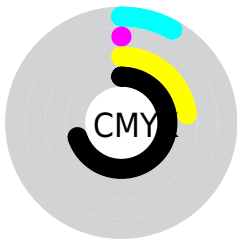
Blue (24%)



Red (24%)

Yellow (31%)

Blue (26%)

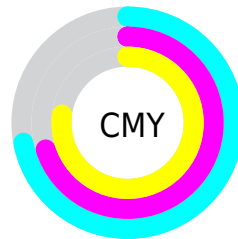


Cyan (8%)

Magenta (0%)

Yellow (23%)

Black (70%)



Cyan (72%)


Magenta (70%)


Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 11.623, 121.905 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, 11.623, 121.905 by changing the saturation by 10% instead.


 32, 11.623,
121.905


 32, 11.623,
121.905

 100, 11.623,
121.905


 22, 11.623,
121.905

 52, 11.623,
121.905


 12, 11.623,
121.905


 62, 11.623,
121.905

 2, 11.623, 121.905

 72, 11.623,
121.905

 0, 11.623, 121.905

 82, 11.623,
121.905

 92, 11.623,
121.905

■ 32, 11.623,
121.905

■ 32, 11.623,
121.905

■ 32, 16.581,
121.401

■ 32, 6.615, 122.415

■ 31, 21.440,
120.911

■ 33, 1.587, 122.921

■ 33, 3.437, 303.364

■ 31, 26.135,
120.466

■ 34, 8.440, 303.815

■ 31, 30.572,
120.107

■ 34, 13.409,
304.235

■ 30, 34.621,
119.891

■ 35, 18.334,
304.626

■ 30, 38.113,
119.892

■ 36, 23.207,
304.989

■ 30, 41.077,
120.080

■ 36, 28.024,
305.324

■ 30, 43.249,

■ 37, 32.781,

120.067

305.633

Harmonies

Complementary

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



32, 11.623, 121.905



26, 12.083, 304.315

Rectangle

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



32, 11.623, 121.905



32, 11.623, 171.905



32, 11.623, 301.905



32, 11.623, 351.905

Sweetspot

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



32, 11.624, 121.908



43, 4.406, 122.711



29, 6.859, 54.064



21, 2.827, 122.704



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, 11.624, 121.908



42, 17.575, 121.608



31, 13.250, 138.721



15, 2.769, 122.642



39, 52.405, 120.616



83, 95.516, 121.670

Inverse Universe

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



26, 12.083, 304.315



33, 18.467, 304.690



27, 13.358, 320.744



14, 2.812, 303.480



11, 65.423, 309.346



32, 119.405, 308.654

Previews

White Background



This preview shows how the CIELCh color 32, 11.623, 121.905 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, 11.623, 121.905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

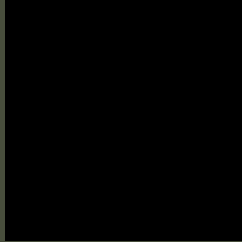
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

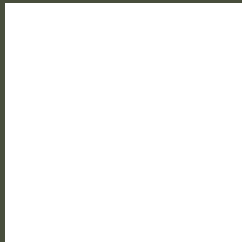
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 32, 11.623, 121.905

Background



This preview shows how black text looks on a background with the CIELCh color 32, 11.623, 121.905.

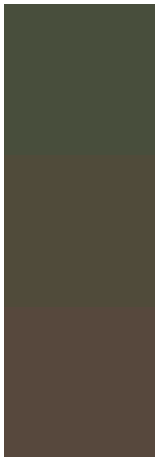


This preview shows how white text looks on a background with the CIELCh color 32, 11.623, 121.905.

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, 11.623, 121.905

Protanopia

32, 10.957, 95.750

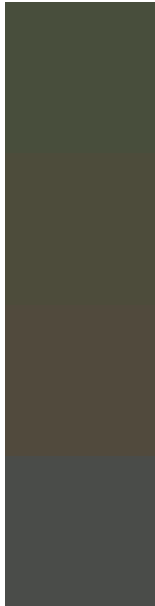
Deuteranopia

32, 10.010, 63.696



Tritanopia
32, 3.803, 290.863

Trichromacy



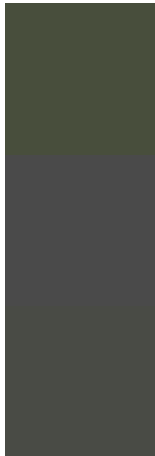
Original Color
32, 11.623, 121.905

Protanomaly
32, 10.686, 105.722

Deuteranomaly
32, 8.846, 86.890

Tritanomaly
32, 2.094, 134.564

Monochromacy



Original Color
32, 11.623, 121.905

Achromatopsia
31, 0.005, 296.813

Achromatomaly
32, 3.904, 122.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 11.623, 121.905 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(72, 78, 60)` looks like.

```
.text, #text, p{  
    color:rgb(72, 78, 60)  
}
```

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(72, 78, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 78, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 11.623, 121.905 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(72, 78, 60) }
```

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

```
.border{ border-color:rgb(72, 78, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 78, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 78, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 78, 60);  
box-shadow:4px 4px 4px 4px rgb(72, 78, 60)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 11.623, 121.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 78, 60) }
```

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

```
.background{ background-color: rgb(72, 78,  
60) }
```

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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