

Converting Colors

CIELCh(32, 14.292, 124.839)

Have a look what the booklet for
CIELCh(32, 14.292, 124.839)
contains.

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Color

CIELCh(32, 13.812, 125.349)

Conversions

Conversions Part 1

Format	Color
Hex	454E39
RGB	69, 78, 57
RGB Percent	27%, 31%, 22%
CMY	0.7279, 0.6925, 0.7750
CMYK	0.11, 0.00, 0.27, 0.69
HSL	86°, 15%, 27%
HSV	86°, 27%, 31%
XYZ	5.9837, 7.0852, 4.9735
YIQ	72.9150, 1.3770, -8.4390

Conversions

Conversions Part 2

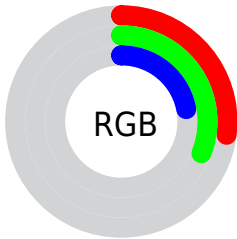
Format	Color
R_{YB}	57, 78, 66
Decimal	4542009
CIE Lab	32.00, -7.99, 11.27
CIE LCh	32, 13.812, 125.349
Yxy	7.0852, 0.3316, 0.3927
Android (android.graphics.Color)	4282732089 (0xFF454E39)
YUV	72.9150, -7.8461, -3.4335
Hunter-Lab	26.6180, -6.4548, 7.5544

Details

The CIELCh color **32, 13.812, 125.349** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **26, 14.359, 307.805**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 13.924, 125.930**, and **12, 14.109, 124.837** is the 20% darker color. If you saturate the color by 10%, you get **32, 18.895, 124.894**, and if you desaturate by 10%, it is **32, 8.671, 125.809**.

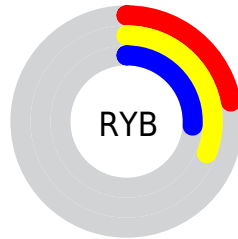
Distribution



Red (27%)

Green (31%)

Blue (22%)



Red (22%)

Yellow (31%)

Blue (26%)

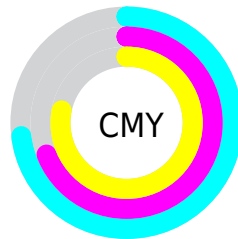


Cyan (11%)

Magenta (0%)

Yellow (27%)

Black (69%)



Cyan (73%)


Magenta (69%)


Yellow (78%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 13.812, 125.349 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, 13.812, 125.349 by changing the saturation by 10% instead.


 32, 13.812,
125.349


 32, 13.812,
125.349

 100, 13.812,
125.349


 22, 13.812,
125.349

 52, 13.812,
125.349


 12, 13.812,
125.349


 62, 13.812,
125.349

 2, 13.812, 125.349

 72, 13.812,
125.349

 0, 13.812, 125.349

 82, 13.812,
125.349

 92, 13.812,
125.349

■ 32, 13.812,
125.349

■ 32, 13.812,
125.349

■ 32, 18.895,
124.894

■ 32, 8.671, 125.809

■ 31, 23.862,
124.459

■ 33, 3.508, 126.258

■ 31, 28.638,
124.077

■ 34, 1.648, 306.635

■ 30, 33.114,
123.798

■ 35, 11.863,
307.418

■ 30, 37.145,
123.691

■ 35, 16.896,
307.756

■ 30, 40.549,
123.843

■ 36, 21.866,
308.065

■ 30, 43.691,
124.005

■ 37, 26.770,
308.347

■ 30, 44.770,

■ 37, 31.601,

123.978

308.604

Harmonies

Complementary

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



32, 13.812, 125.349



26, 14.359, 307.805

Rectangle

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



32, 13.812, 125.349



32, 13.812, 175.349



32, 13.812, 305.349



32, 13.812, 355.349

Sweetspot

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



32, 13.813, 125.351



43, 5.126, 126.191



29, 8.145, 63.312



21, 3.598, 126.149



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, 13.813, 125.351



41, 20.454, 125.060



31, 15.881, 140.751



15, 2.818, 126.176



39, 53.955, 124.562



82, 98.591, 125.709

Inverse Universe

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



26, 14.359, 307.805



32, 21.478, 308.151



27, 15.951, 323.371



14, 2.857, 306.898



13, 64.230, 311.015



35, 117.186, 310.244

Previews

White Background



This preview shows how the CIELCh color 32, 13.812, 125.349 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, 13.812, 125.349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

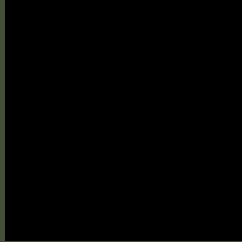
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

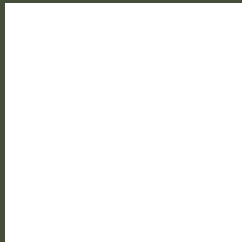
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 32, 13.812, 125.349

Background



This preview shows how black text looks on a background with the CIELCh color 32, 13.812, 125.349.

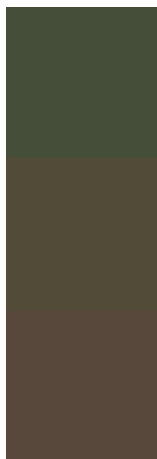


This preview shows how white text looks on a background with the CIELCh color 32, 13.812, 125.349.

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

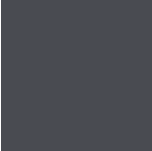
32, 13.812, 125.349

Protanopia

32, 12.289, 94.510

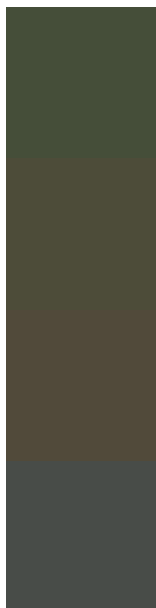
Deuteranopia

32, 11.313, 66.150



Tritanopia
32, 3.881, 278.364

Trichromacy



Original Color
32, 13.812, 125.349

Protanomaly
32, 11.929, 105.738

Deuteranomaly
32, 10.634, 90.122

Tritanomaly
32, 3.093, 144.216

Monochromacy



Original Color
32, 13.812, 125.349

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 5.246, 124.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 13.812, 125.349 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(69, 78, 57)` looks like.

```
.text, #text, p{  
    color:rgb(69, 78, 57)  
}
```

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(69, 78, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 78, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 13.812, 125.349 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(69, 78, 57) }
```

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

```
.border{ border-color:rgb(69, 78, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 78, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 78, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 78, 57);  
box-shadow:4px 4px 4px 4px rgb(69, 78, 57)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 13.812, 125.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 78, 57) }
```

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

```
.background{ background-color: rgb(69, 78,  
57) }
```

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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