

Converting Colors

CIELCh(32, 36.484, 123.950)

Have a look what the booklet for
CIElCh(32, 36.484, 123.950)
contains.

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Color

CIELCh(32, 36.657, 124.181)

Conversions

Conversions Part 1

Format	Color
Hex	395318
RGB	57, 83, 24
RGB Percent	22%, 33%, 9%
CMY	0.7773, 0.6753, 0.9066
CMYK	0.31, 0.00, 0.71, 0.68
HSL	86°, 55%, 21%
HSV	86°, 71%, 32%
XYZ	4.9168, 7.0852, 1.9620
YIQ	68.5000, 3.4430, -23.8610

Conversions

Conversions Part 2

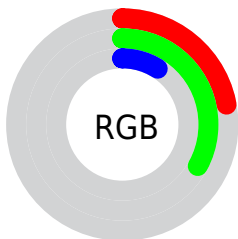
Format	Color
R _Y B	24, 83, 50
Decimal	3756824
CIE Lab	32.00, -20.59, 30.33
CIE LCh	32, 36.657, 124.181
Yxy	7.0852, 0.3521, 0.5074
Android (android.graphics.Color)	4281946904 (0xFF395318)
YUV	68.5000, -21.9385, -10.0855
Hunter-Lab	26.6180, -13.6093, 14.2624

Details

The CIELCh color **32, 36.657, 124.181** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **15, 41.156, 310.635**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 36.699, 124.604**, and **12, 26.376, 137.545** is the 20% darker color. If you saturate the color by 10%, you get **32, 40.587, 124.195**, and if you desaturate by 10%, it is **32, 32.165, 124.387**.

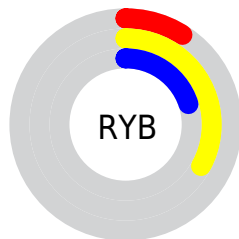
Distribution



Red (22%)

Green (33%)

Blue (9%)



Red (9%)

Yellow (33%)

Blue (20%)

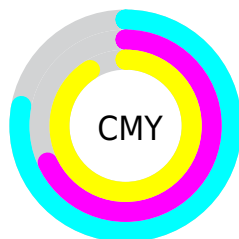


Cyan (31%)

Magenta (0%)

Yellow (71%)

Black (68%)



Cyan (78%)


Magenta (68%)


Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 32, 36.657, 124.181 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, 36.657, 124.181 by changing the saturation by 10% instead.


 32, 36.657,
124.181


 32, 36.657,
124.181

 100, 36.657,
124.181


 22, 36.657,
124.181

 52, 36.657,
124.181


 12, 36.657,
124.181


 62, 36.657,
124.181

 2, 36.657, 124.181

 72, 36.657,
124.181

 0, 36.657, 124.181

 82, 36.657,
124.181

 92, 36.657,
124.181

■ 32, 36.657,
124.181

■ 32, 36.657,
124.181

■ 32, 40.587,
124.195

■ 32, 32.165,
124.387

■ 31, 43.823,
124.479

■ 33, 27.287,
124.726

■ 31, 46.689,
124.571

■ 33, 22.156,
125.142

■ 34, 16.870,
125.592

■ 34, 11.497,
126.050

■ 35, 6.085, 126.502

■ 35, 0.670, 126.998

■ 36, 4.724, 307.312

■ 36, 10.077,
307.692

Harmonies

Complementary

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



32, 36.657, 124.181



15, 41.156, 310.635

Rectangle

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



32, 36.657, 124.181



32, 36.657, 174.181



32, 36.657, 304.181



32, 36.657, 354.181

Sweetspot

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



32, 36.657, 124.182



44, 14.052, 126.029



24, 25.522, 60.870



21, 9.398, 125.962



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, 36.657, 124.182



41, 51.182, 124.370



31, 42.017, 137.584



16, 2.985, 126.615



39, 55.136, 125.074



83, 99.836, 126.188

Inverse Universe

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



15, 41.156, 310.635



17, 59.130, 311.108



20, 41.781, 325.504



15, 3.026, 307.338



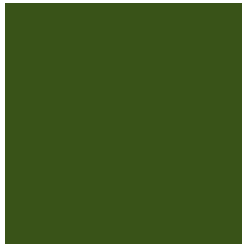
13, 65.217, 311.225



35, 117.871, 310.475

Previews

White Background



This preview shows how the CIELCh color 32, 36.657, 124.181 looks on a white background.

Color Contrast Check

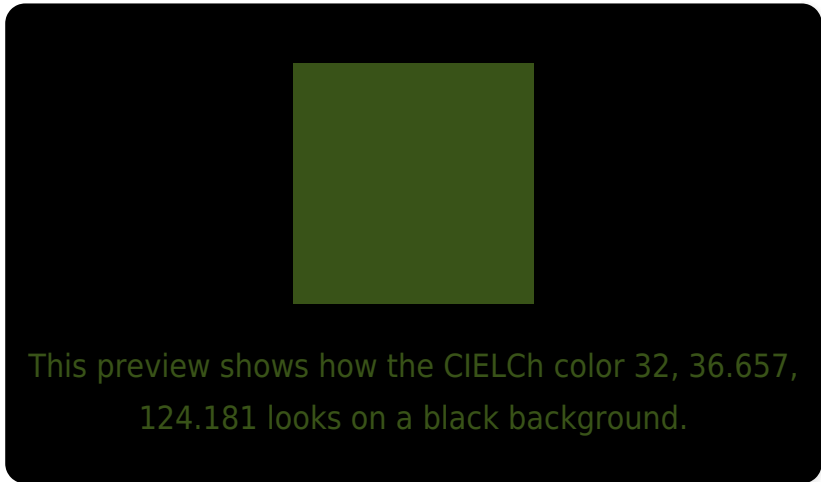
Large Text (above 18pt) WCAG AA ✓ Pass

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

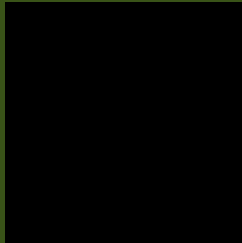
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 36.657, 124.181

Background



This preview shows how black text looks on a background with the CIELCh color 32, 36.657, 124.181.



This preview shows how white text looks on a background with the CIELCh color 32, 36.657, 124.181.

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

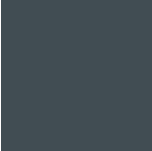
32, 36.657, 124.181

Protanopia

32, 31.810, 95.927

Deuteranopia

32, 29.285, 80.966



Tritanopia
32, 6.084, 237.721

Trichromacy



Original Color
32, 36.657, 124.181

Protanomaly
32, 32.412, 107.949

Deuteranomaly
31, 29.555, 99.739

Tritanomaly
32, 13.700, 141.722

Monochromacy



Original Color
32, 36.657, 124.181

Achromatopsia
29, 0.005, 296.813

Achromatomaly
30, 13.961, 125.278

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 36.657, 124.181 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(57, 83, 24)` looks like.

```
.text, #text, p{  
    color:rgb(57, 83, 24)  
}
```

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(57, 83, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 83, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 36.657, 124.181 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(57, 83, 24) }
```

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

```
.border{ border-color:rgb(57, 83, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 83, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 83, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 83, 24);  
box-shadow:4px 4px 4px 4px rgb(57, 83, 24)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 36.657, 124.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 83, 24) }
```

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

```
.background{ background-color: rgb(57, 83,  
24) }
```

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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