

Converting Colors

CIELCh(32, 24.658, 103.870)

Have a look what the booklet for
CIELCh(32, 24.658, 103.870)
contains.

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Color

CIELCh(32, 24.504, 103.377)

Conversions

Conversions Part 1

Format	Color
Hex	4F4D25
RGB	79, 77, 37
RGB Percent	31%, 30%, 15%
CMY	0.6906, 0.6984, 0.8553
CMYK	0.00, 0.03, 0.53, 0.69
HSL	57°, 36%, 23%
HSV	57°, 53%, 31%
XYZ	6.1957, 7.0852, 2.7839
YIQ	73.0380, 14.0320, -12.0160

Conversions

Conversions Part 2

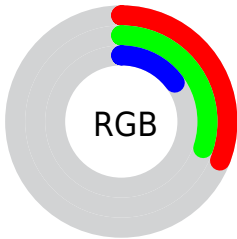
Format	Color
RYB	39, 79, 37
Decimal	5197093
CIELab	32.00, -5.67, 23.84
CIElCh	32, 24.504, 103.377
Yxy	7.0852, 0.3857, 0.4410
Android (android.graphics.Color)	4283387173 (0xFF4F4D25)
YUV	73.0380, -17.7667, 5.2287
Hunter-Lab	26.6180, -5.0332, 12.4317

Details

The CIELCh color **32, 24.504, 103.377** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **17, 27.645, 295.360**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 24.575, 103.905**, and **12, 18.521, 104.888** is the 20% darker color. If you saturate the color by 10%, you get **32, 28.647, 102.536**, and if you desaturate by 10%, it is **32, 20.110, 104.267**.

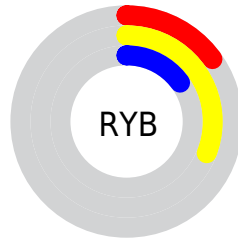
Distribution



Red (31%)

Green (30%)

Blue (15%)



Red (15%)

Yellow (31%)

Blue (15%)

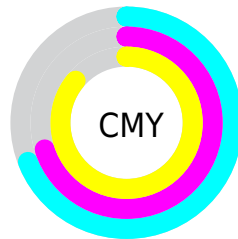


Cyan (0%)

Magenta (3%)

Yellow (53%)

Black (69%)



Cyan (69%)


Magenta (70%)


Yellow (86%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 24.504, 103.377 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, 24.504, 103.377 by changing the saturation by 10% instead.


 32, 24.504,
103.377


 32, 24.504,
103.377

 100, 24.504,
103.377


 22, 24.504,
103.377

 52, 24.504,
103.377


 12, 24.504,
103.377


 62, 24.504,
103.377

 2, 24.504, 103.377

 72, 24.504,
103.377

 0, 24.504, 103.377

 82, 24.504,
103.377

 92, 24.504,
103.377

■ 32, 24.504,
103.377

■ 32, 24.504,
103.377

■ 32, 28.647,
102.536

■ 32, 20.110,
104.267

■ 32, 32.397,
101.755

■ 33, 15.559,
105.177

■ 31, 35.570,
101.062

■ 33, 10.916,
106.097

■ 31, 38.179,
100.454

■ 33, 6.225, 107.013

■ 33, 1.513, 107.898

■ 31, 40.108,
100.037

■ 34, 3.203, 288.827

■ 34, 7.909, 289.680

■ 35, 12.598,
290.510

■ 35, 17.264,

Harmonies

Complementary

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



32, 24.504, 103.377



17, 27.645, 295.360

Rectangle

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



32, 24.504, 103.377



32, 24.504, 153.377



32, 24.504, 283.377



32, 24.504, 333.377

Sweetspot

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



32, 24.505, 103.380



43, 9.316, 106.708



21, 21.340, 21.135



21, 6.209, 106.618



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, 24.505, 103.380



41, 35.638, 102.290



31, 27.237, 125.011



15, 2.562, 107.428



40, 47.851, 99.933



86, 86.395, 99.713

Inverse Universe

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



17, 27.645, 295.360



19, 42.071, 297.974



19, 29.512, 309.968



14, 2.606, 289.043



10, 65.536, 305.148



29, 121.623, 305.851

Previews

White Background



This preview shows how the CIELCh color 32, 24.504, 103.377 looks on a white background.

Color Contrast Check

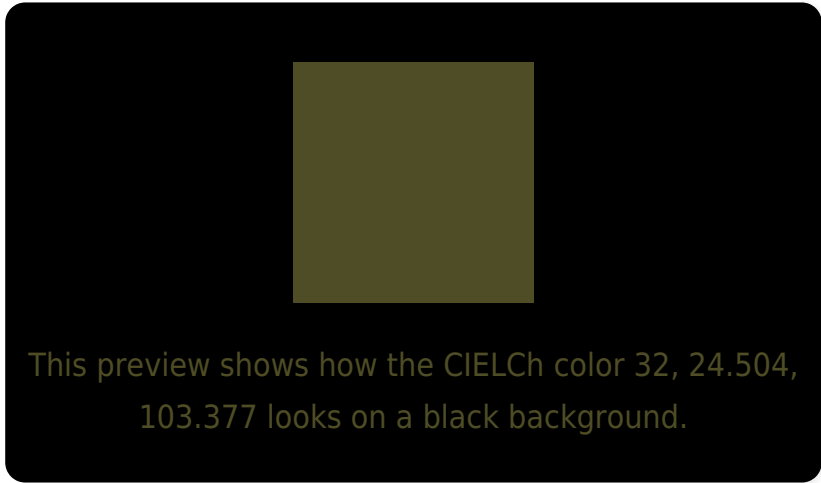
Large Text (above 18pt) WCAG AA ✓ Pass

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

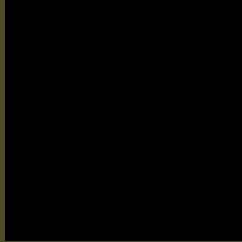
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 32, 24.504, 103.377

Background



This preview shows how black text looks on a background with the CIELCh color 32, 24.504, 103.377.



This preview shows how white text looks on a background with the CIELCh color 32, 24.504, 103.377.

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, 24.504, 103.377

Protanopia

32, 24.365, 96.162

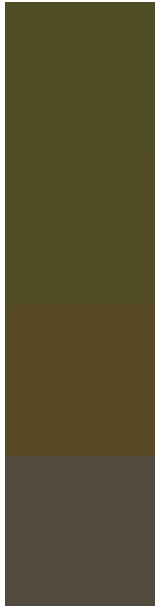
Deuteranopia

32, 24.000, 79.631



Tritanopia
32, 6.140, 342.225

Trichromacy



Original Color
32, 24.504, 103.377

Protanomaly
32, 24.728, 98.639

Deuteranomaly
32, 23.512, 88.432

Tritanomaly
32, 7.892, 80.724

Monochromacy



Original Color
32, 24.504, 103.377

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 8.853, 105.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 24.504, 103.377 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(79, 77, 37)` looks like.

```
.text, #text, p{  
    color:rgb(79, 77, 37)  
}
```

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(79, 77, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 77, 37) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 24.504, 103.377 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(79, 77, 37) }
```

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

```
.border{ border-color:rgb(79, 77, 37) }
```

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

Here you see how a box with a 4 pixel rgb(79, 77, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 77, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 77, 37);  
box-shadow:4px 4px 4px 4px rgb(79, 77, 37)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 24.504, 103.377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 77, 37) }
```

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

```
.background{ background-color: rgb(79, 77,  
37) }
```

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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