

Converting Colors

CIELCh(32, 38.071, 149.042)

Have a look what the booklet for
CIELCh(32, 38.071, 149.042)
contains.

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Color

CIELCh(32, 38.002, 149.084)

Conversions

Conversions Part 1

Format	Color
Hex	0E572B
RGB	14, 87, 43
RGB Percent	5%, 34%, 17%
CMY	0.9451, 0.6588, 0.8314
CMYK	0.84, 0.00, 0.51, 0.66
HSL	144°, 72%, 20%
HSV	144°, 84%, 34%
XYZ	4.0260, 7.0852, 3.4413
YIQ	60.1570, -29.3840, -29.1600

Conversions

Conversions Part 2

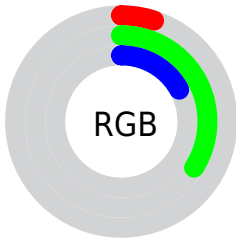
Format	Color
RYB	14, 66, 87
Decimal	939819
CIELab	32.00, -32.60, 19.52
CIELCh	32, 38.002, 149.084
Yxy	7.0852, 0.2767, 0.4869
Android (android.graphics.Color)	4279129899 (0xFF0E572B)
YUV	60.1570, -8.4584, -40.4797
Hunter-Lab	26.6180, -19.5831, 10.9673

Details

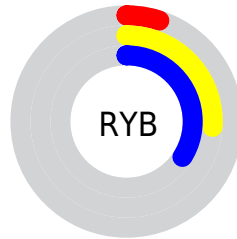
The CIELCh color **32, 38.002, 149.084** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **19, 37.412, 347.192**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **52, 38.285, 148.785**, and **13, 30.673, 142.007** is the 20% darker color. If you saturate the color by 10%, you get **32, 41.200, 147.328**, and if you desaturate by 10%, it is **32, 34.430, 150.751**.

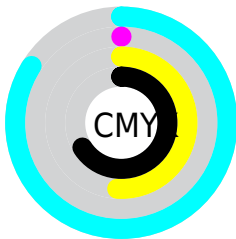
Distribution



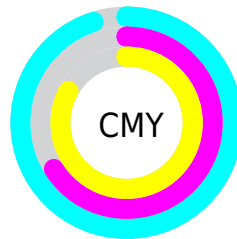
- Red (5%)
- Green (34%)
- Blue (17%)



- Red (5%)
- Yellow (26%)
- Blue (34%)



- Cyan (84%)
- Magenta (0%)
- Yellow (51%)
- Black (66%)





- Cyan (95%)
- Magenta (66%)
- Yellow (83%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 38.002, 149.084 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, 38.002, 149.084 by changing the saturation by 10% instead.


 32, 38.002,
149.084

 32, 38.002,
149.084

 100, 38.002,
149.084

 22, 38.002,
149.084

 52, 38.002,
149.084


 12, 38.002,
149.084


 62, 38.002,
149.084

 2, 38.002, 149.084

 72, 38.002,
149.084

 0, 38.002, 149.084

 82, 38.002,
149.084

 92, 38.002,
149.084

■ 32, 38.002,
149.084

■ 32, 38.002,
149.084

■ 32, 41.200,
147.328

■ 32, 34.430,
150.751

■ 32, 43.099,
146.392

■ 33, 30.459,
152.244

■ 33, 26.146,
153.571

■ 34, 21.561,
154.745

■ 34, 16.777,
155.784

■ 35, 11.869,
156.706

■ 36, 6.900, 157.535

■ 37, 1.926, 158.342

Harmonies

Complementary

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



32, 38.002, 149.084



19, 37.412, 347.192

Rectangle

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



32, 38.002, 149.084



32, 38.002, 199.084



32, 38.002, 329.084



32, 38.002, 19.084

Sweetspot

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



32, 38.002, 149.084



45, 15.309, 156.539



34, 42.459, 122.014



22, 10.326, 156.353



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



32, 38.002, 149.084



41, 52.368, 145.618



33, 23.456, 182.893



17, 2.766, 157.937



39, 50.528, 145.746



82, 92.949, 144.185

Inverse Universe

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



19, 37.412, 347.192



23, 48.154, 351.185



17, 36.495, 25.053



16, 2.786, 339.060



22, 46.636, 351.018



51, 81.932, 353.177

Previews

White Background



This preview shows how the CIELCh color 32, 38.002, 149.084 looks on a white background.

Color Contrast Check

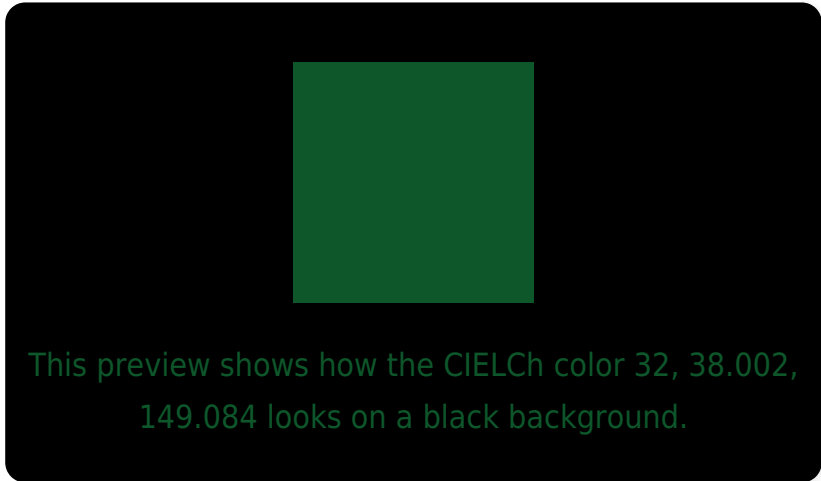
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.002, 149.084

Background



This preview shows how black text looks on a background with the CIELCh color 32, 38.002, 149.084.



This preview shows how white text looks on a background with the CIELCh color 32, 38.002, 149.084.

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, 38.002, 149.084

Protanopia

32, 22.651, 95.823

Deuteranopia

32, 18.547, 76.507



Tritanopia
32, 16.063, 213.564

Trichromacy



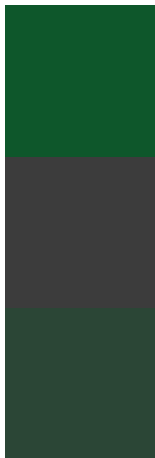
Original Color
32, 38.002, 149.084

Protanomaly
31, 26.001, 128.330

Deuteranomaly
31, 20.432, 125.608

Tritanomaly
32, 21.610, 175.696

Monochromacy



Original Color
32, 38.002, 149.084

Achromatopsia
25, 0.004, 296.813

Achromatomaly
27, 15.774, 155.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 38.002, 149.084 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(14, 87, 43)` looks like.

```
.text, #text, p{  
    color:rgb(14, 87, 43)  
}
```

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(14, 87, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 87, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 38.002, 149.084 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(14, 87, 43) }
```

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

```
.border{ border-color:rgb(14, 87, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 87, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 87, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 87, 43);  
box-shadow:4px 4px 4px 4px rgb(14, 87, 43)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 38.002, 149.084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 87, 43) }
```

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

```
.background{ background-color: rgb(14, 87,  
43) }
```

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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