

Converting Colors

CIELCh(30, 39.585, 148.334)

Have a look what the booklet for
CIELCh(30, 39.585, 148.334)
contains.

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Color

CIELCh(30, 39.573, 148.252)

Conversions

Conversions Part 1

Format	Color
Hex	025224
RGB	2, 82, 36
RGB Percent	1%, 32%, 14%
CMY	0.9936, 0.6768, 0.8574
CMYK	0.98, 0.00, 0.56, 0.68
HSL	146°, 96%, 16%
HSV	146°, 98%, 32%
XYZ	3.3924, 6.2359, 2.7231
YIQ	52.8360, -32.9140, -31.2660

Conversions

Conversions Part 2

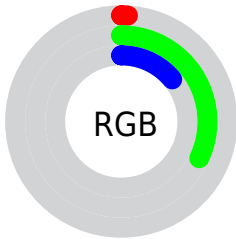
Format	Color
R_{YB}	2, 58, 82
Decimal	152100
CIE _{Lab}	30.00, -33.65, 20.82
CIE _{LCh}	30, 39.573, 148.252
Yxy	6.2359, 0.2747, 0.5049
Android (android.graphics.Color)	4278342180 (0xFF025224)
YUV	52.8360, -8.3001, -44.5832
Hunter-Lab	24.9718, -19.4514, 11.0149

Details

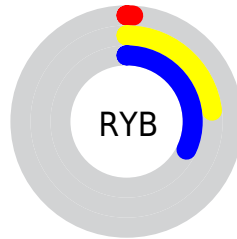
The CIELCh color **30, 39.573, 148.252** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **16, 38.109, 352.116**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 39.145, 148.305**, and **11, 27.694, 143.266** is the 20% darker color. If you saturate the color by 10%, you get **30, 40.161, 147.963**, and if you desaturate by 10%, it is **30, 36.611, 149.890**.

Distribution



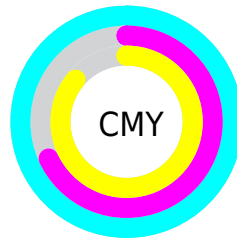
- Red (1%)
- Green (32%)
- Blue (14%)



- Red (1%)
- Yellow (23%)
- Blue (32%)



- Cyan (98%)
- Magenta (0%)
- Yellow (56%)
- Black (68%)





- Cyan (99%)
- Magenta (68%)
- Yellow (86%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 39.573, 148.252 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 30, 39.573, 148.252 by changing the saturation by 10% instead.


 30, 39.573,
148.252


 30, 39.573,
148.252

 100, 39.573,
148.252


 20, 39.573,
148.252


 50, 39.573,
148.252


 10, 39.573,
148.252

 60, 39.573,
148.252

 0, 39.573, 148.252

 70, 39.573,
148.252

 80, 39.573,
148.252

 90, 39.573,
148.252

■ 30, 39.573,
148.252

■ 30, 39.573,
148.252

■ 30, 40.161,
147.963

■ 30, 36.611,
149.890

■ 30, 33.448,
151.620

■ 31, 29.903,
153.178

■ 31, 26.020,
154.566

■ 32, 21.856,
155.798

■ 32, 17.478,
156.891

■ 33, 12.953,
157.864

■ 34, 8.343, 158.738

Harmonies

Complementary

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



30, 39.573, 148.252



16, 38.109, 352.116

Rectangle

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



30, 39.573, 148.252



30, 39.573, 198.252



30, 39.573, 328.252



30, 39.573, 18.252

Sweetspot

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



30, 39.573, 148.252



42, 16.642, 157.678



31, 45.520, 123.646



21, 11.272, 157.445



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



30, 39.573, 148.252



39, 49.065, 147.116



31, 23.402, 185.486



16, 2.564, 159.489



38, 48.166, 147.186



81, 89.489, 145.537

Inverse Universe

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



16, 38.109, 352.116



22, 45.977, 353.675



15, 40.067, 29.236



15, 2.586, 340.624



21, 45.223, 353.574



50, 80.215, 356.084

Previews

White Background



This preview shows how the CIELCh color 30, 39.573, 148.252 looks on a white background.

Color Contrast Check

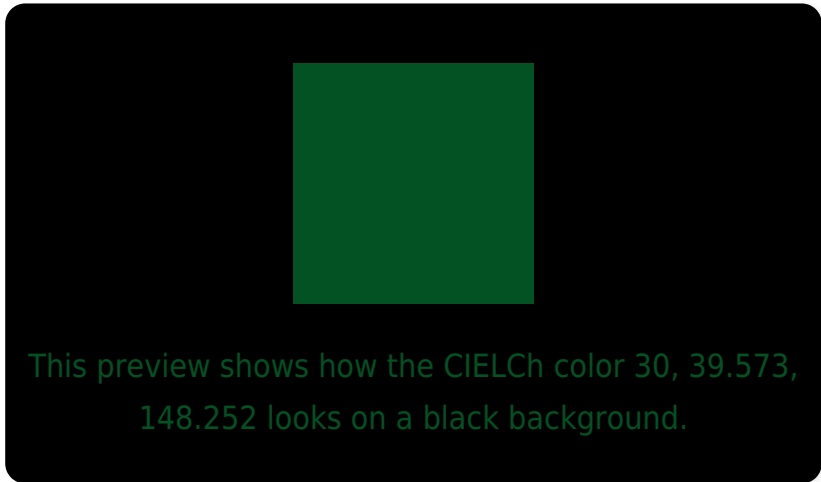
Large Text (above 18pt) WCAG AA ✓ Pass

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 30, 39.573, 148.252

Background



This preview shows how black text looks on a background with the CIELCh color 30, 39.573, 148.252.



This preview shows how white text looks on a background with the CIELCh color 30, 39.573, 148.252.

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

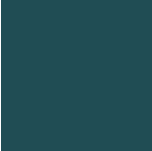
30, 39.470, 148.120

Protanopia

30, 23.948, 95.800

Deuteranopia

30, 20.139, 79.623



Tritanopia
30, 15.726, 214.078

Trichromacy



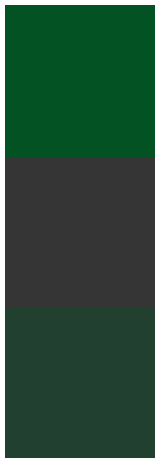
Original Color
30, 39.470, 148.120

Protanomaly
29, 27.806, 129.712

Deuteranomaly
29, 22.979, 128.155

Tritanomaly
30, 21.881, 175.561

Monochromacy



Original Color
30, 39.470, 148.120

Achromatopsia
22, 0.004, 296.813

Achromatomaly
24, 17.305, 156.300

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 39.573, 148.252 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(2, 82, 36)` looks like.

```
.text, #text, p{  
    color:rgb(2, 82, 36)  
}
```

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(2, 82, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 82, 36) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 39.573, 148.252 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(2, 82, 36) }
```

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

```
.border{ border-color:rgb(2, 82, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 82, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 82, 36); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 82, 36); box-shadow:4px  
4px 4px 4px rgb(2, 82, 36) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 39.573, 148.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 82, 36) }
```

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

```
.background{ background-color: rgb(2, 82,  
36) }
```

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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