

Converting Colors

CIELCh(30, 14.136, 171.911)

Have a look what the booklet for
CIELCh(30, 14.136, 171.911)
contains.

CIELCh(30, 14.341, 170.718)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(30, 14.341, 170.718)

Conversions

Conversions Part 1

Format	Color
Hex	2E4D43
RGB	46, 77, 67
RGB Percent	18%, 30%, 26%
CMY	0.8209, 0.6993, 0.7385
CMYK	0.40, 0.00, 0.13, 0.70
HSL	161°, 25%, 24%
HSV	161°, 40%, 30%
XYZ	4.7462, 6.2359, 6.2129
YIQ	66.5910, -15.2660, -9.6820

Conversions

Conversions Part 2

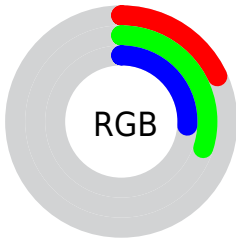
Format	Color
R_YB	46, 64, 77
Decimal	3034435
CIE _{Lab}	30.00, -14.15, 2.31
CIE _{LCh}	30, 14.341, 170.718
Yxy	6.2359, 0.2760, 0.3627
Android (android.graphics.Color)	4281224515 (0xFF2E4D43)
YUV	66.5910, 0.2016, -18.0583
Hunter-Lab	24.9718, -9.7742, 2.7291

Details

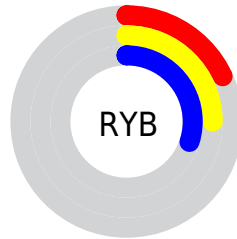
The CIELCh color **30, 14.341, 170.718** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **23, 15.847, 358.645**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 14.381, 171.268**, and **10, 14.641, 169.054** is the 20% darker color. If you saturate the color by 10%, you get **30, 17.523, 169.590**, and if you desaturate by 10%, it is **31, 10.965, 171.751**.

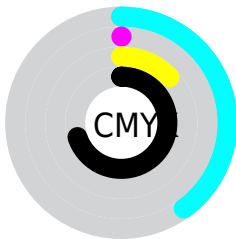
Distribution



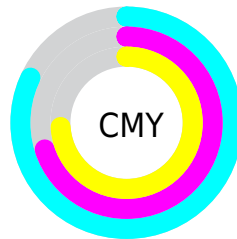
- Red (18%)
- Green (30%)
- Blue (26%)



- Red (18%)
- Yellow (25%)
- Blue (30%)



- Cyan (40%)
- Magenta (0%)
- Yellow (13%)
- Black (70%)





- Cyan (82%)
- Magenta (70%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 14.341, 170.718 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, 14.341, 170.718 by changing the saturation by 10% instead.


 30, 14.341,
170.718


 30, 14.341,
170.718

 100, 14.341,
170.718


 20, 14.341,
170.718


 50, 14.341,
170.718


 10, 14.341,
170.718

 60, 14.341,
170.718

 0, 14.341, 170.718

 70, 14.341,
170.718

 80, 14.341,
170.718

 90, 14.341,
170.718

■ 30, 14.341,
170.718

■ 30, 14.341,
170.718

■ 30, 17.523,
169.590

■ 31, 10.965,
171.751

■ 29, 20.461,
168.353

■ 31, 7.445, 172.712

■ 29, 23.109,
166.987

■ 32, 3.826, 173.625

■ 29, 25.436,
165.475

■ 33, 0.153, 175.941

■ 28, 27.448,
163.828

■ 33, 3.542, 355.104

■ 28, 29.346,
162.399

■ 34, 7.228, 355.877

■ 35, 10.883,
356.591

■ 36, 14.490,
357.268

■ 37, 18.037,
357.915

Harmonies

Complementary

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



30, 14.341, 170.718



23, 15.847, 358.645

Rectangle

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



30, 14.341, 170.718



30, 14.341, 220.718



30, 14.341, 350.718



30, 14.341, 40.718

Sweetspot

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



30, 14.341, 170.716



41, 5.459, 173.442



30, 21.681, 132.926



21, 3.650, 173.392



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



30, 14.341, 170.716



38, 21.103, 169.545



29, 10.370, 216.903



15, 2.047, 173.788



38, 36.270, 161.466



81, 67.458, 159.786

Inverse Universe

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



23, 15.847, 358.645



28, 23.924, 0.227



24, 13.511, 36.197



14, 2.091, 355.084



20, 43.708, 15.611



49, 80.489, 19.933

Previews

White Background



This preview shows how the CIELCh color 30, 14.341, 170.718 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 30, 14.341, 170.718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

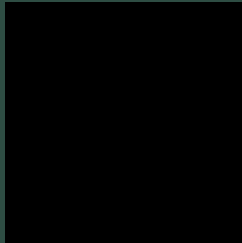
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 14.341, 170.718

Background



This preview shows how black text looks on a background with the CIELCh color 30, 14.341, 170.718.



This preview shows how white text looks on a background with the CIELCh color 30, 14.341, 170.718.

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, 14.341, 170.718

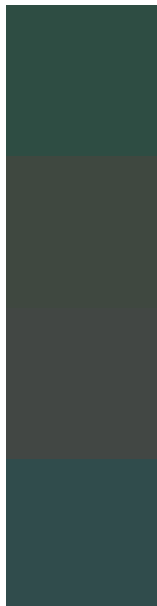
Protanopia
30, 4.669, 92.178

Deuteranopia
30, 4.526, 20.101



Tritanopia
30, 10.518, 219.649

Trichromacy



Original Color
30, 14.341, 170.718

Protanomaly
30, 6.536, 146.937

Deuteranomaly
30, 2.940, 158.220

Tritanomaly
30, 10.994, 197.790

Monochromacy



Original Color
30, 14.341, 170.718

Achromatopsia
28, 0.004, 296.813

Achromatomaly
29, 5.478, 170.453

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 14.341, 170.718 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(46, 77, 67)` looks like.

```
.text, #text, p{  
    color:rgb(46, 77, 67)  
}
```

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(46, 77, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 77, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 14.341, 170.718 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(46, 77, 67) }
```

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

```
.border{ border-color:rgb(46, 77, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 77, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 77, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 77, 67);  
box-shadow:4px 4px 4px 4px rgb(46, 77, 67)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 14.341, 170.718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 77, 67) }
```

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

```
.background{ background-color: rgb(46, 77,  
67) }
```

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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