

Converting Colors

CIELCh(30, 14.711, 304.868)

Have a look what the booklet for
CIELCh(30, 14.711, 304.868)
contains.

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Color

CIELCh(30, 14.539, 305.487)

Conversions

Conversions Part 1

Format	Color
Hex	4B4359
RGB	75, 67, 89
RGB Percent	29%, 26%, 35%
CMY	0.7058, 0.7371, 0.6509
CMYK	0.16, 0.25, 0.00, 0.65
HSL	262°, 14%, 31%
HSV	262°, 25%, 35%
XYZ	6.7166, 6.2359, 10.3067
YIQ	71.9000, -2.2940, 8.5380

Conversions

Conversions Part 2

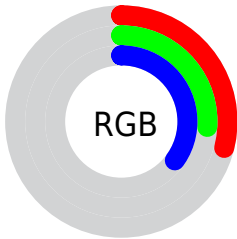
Format	Color
R_{YB}	75, 67, 89
Decimal	4932441
CIE Lab	30.00, 8.44, -11.84
CIE LCh	30, 14.539, 305.487
Yxy	6.2359, 0.2888, 0.2681
Android (android.graphics.Color)	4283122521 (0xFF4B4359)
YUV	71.9000, 8.4303, 2.7187
Hunter-Lab	24.9718, 4.3102, -6.9908

Details

The CIELCh color **30, 14.539, 305.487** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **37, 13.961, 122.972**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 14.534, 305.501**, and **10, 14.420, 306.533** is the 20% darker color. If you saturate the color by 10%, you get **27, 20.718, 306.119**, and if you desaturate by 10%, it is **33, 8.525, 304.908**.

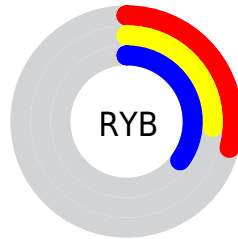
Distribution



Red (29%)

Green (26%)

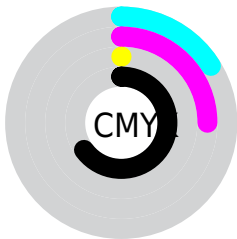
Blue (35%)



Red (29%)

Yellow (26%)

Blue (35%)

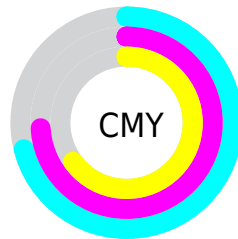


Cyan (16%)

Magenta (25%)

Yellow (0%)

Black (65%)



Cyan (71%)


Magenta (74%)

Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 14.539, 305.487 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, 14.539, 305.487 by changing the saturation by 10% instead.


 30, 14.539,
305.487


 30, 14.539,
305.487

 100, 14.539,
305.487


 20, 14.539,
305.487

 50, 14.539,
305.487


 10, 14.539,
305.487

 60, 14.539,
305.487

 0, 14.539, 305.487

 70, 14.539,
305.487

 80, 14.539,
305.487

 90, 14.539,
305.487

■ 30, 14.539,
305.487

■ 30, 14.539,
305.487

■ 27, 20.718,
306.119

■ 33, 8.525, 304.908

■ 36, 2.691, 304.380

■ 24, 27.033,
306.799

■ 40, 2.962, 123.947

■ 21, 33.419,
307.506

■ 43, 8.438, 123.530

■ 18, 39.754,
308.203

■ 46, 13.745,
123.170

■ 15, 45.826,
308.830

■ 49, 18.889,
122.856

■ 13, 51.303,
309.296

■ 52, 23.880,
122.582

■ 10, 56.144,
309.642

■ 55, 28.726,
122.344

■ 9, 59.042, 310.020

■ 58, 33.436,

Harmonies

Complementary

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



30, 14.539, 305.487



37, 13.961, 122.972

Rectangle

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



30, 14.539, 305.487



30, 14.539, 355.487



30, 14.539, 125.487



30, 14.539, 175.487

Sweetspot

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



30, 14.538, 305.486



46, 4.945, 304.509



34, 7.330, 240.316



23, 3.240, 304.522



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



30, 14.538, 305.486



37, 21.956, 305.875



31, 16.043, 321.330



16, 3.144, 304.589



13, 67.379, 309.771



34, 120.734, 309.097

Inverse Universe

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



31, 13.008, 338.703



39, 19.489, 339.197



36, 15.919, 139.071



16, 2.853, 337.518



22, 47.429, 348.410



52, 83.268, 350.294

Previews

White Background



This preview shows how the CIELCh color 30, 14.539, 305.487 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, 14.539, 305.487 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, 14.539, 305.487

Background



This preview shows how black text looks on a background with the CIELCh color 30, 14.539, 305.487.

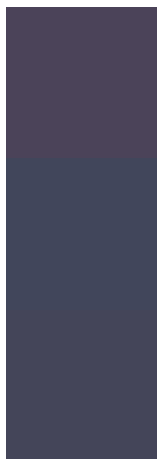


This preview shows how white text looks on a background with the CIELCh color 30, 14.539, 305.487.

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, 14.539, 305.487

Protanopia

30, 13.530, 284.464

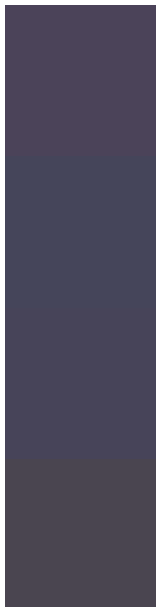
Deuteranopia

30, 12.826, 290.777



Tritanopia
30, 3.472, 312.710

Trichromacy



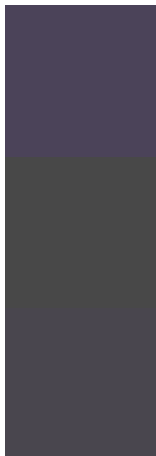
Original Color
30, 14.539, 305.487

Protanomaly
30, 13.464, 292.639

Deuteranomaly
30, 13.561, 297.679

Tritanomaly
30, 7.391, 308.053

Monochromacy



Original Color
30, 14.539, 305.487

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 5.299, 305.067

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 14.539, 305.487 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(75, 67, 89)` looks like.

```
.text, #text, p{  
    color:rgb(75, 67, 89)  
}
```

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(75, 67, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 67, 89) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 14.539, 305.487 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(75, 67, 89) }
```

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

```
.border{ border-color:rgb(75, 67, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 67, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 67, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 67, 89);  
box-shadow:4px 4px 4px 4px rgb(75, 67, 89)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 14.539, 305.487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 67, 89) }
```

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

```
.background{ background-color: rgb(75, 67,  
89) }
```

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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