

Converting Colors

CIELCh(30, 15.372, 307.683)

Have a look what the booklet for
CIELCh(30, 15.372, 307.683)
contains.

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Color

CIELCh(30, 15.247, 306.492)

Conversions

Conversions Part 1

Format	Color
Hex	4C435A
RGB	76, 67, 90
RGB Percent	30%, 26%, 35%
CMY	0.7032, 0.7384, 0.6483
CMYK	0.16, 0.26, 0.00, 0.65
HSL	263°, 15%, 31%
HSV	263°, 26%, 35%
XYZ	6.7780, 6.2359, 10.4496
YIQ	72.3130, -2.0190, 9.0610

Conversions

Conversions Part 2

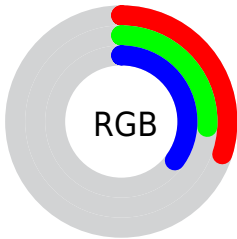
Format	Color
R_{YB}	76, 67, 90
Decimal	4997978
CIE Lab	30.00, 9.07, -12.26
CIE LCh	30, 15.247, 306.492
Yxy	6.2359, 0.2889, 0.2658
Android (android.graphics.Color)	4283188058 (0xFF4C435A)
YUV	72.3130, 8.7197, 3.2335
Hunter-Lab	24.9718, 4.7487, -7.3301

Details

The CIELCh color **30, 15.247, 306.492** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **37, 14.644, 123.980**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 15.191, 306.413**, and **10, 15.126, 306.025** is the 20% darker color. If you saturate the color by 10%, you get **27, 21.488, 307.095**, and if you desaturate by 10%, it is **33, 9.162, 305.936**.

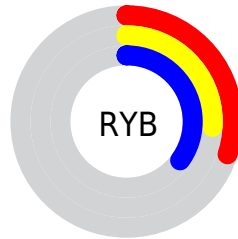
Distribution



 Red (30%)

 Green (26%)

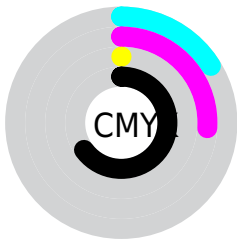
 Blue (35%)



 Red (30%)

 Yellow (26%)

 Blue (35%)

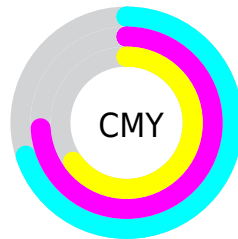


 Cyan (16%)

 Magenta (26%)

 Yellow (0%)

 Black (65%)



 Cyan (70%)


 Magenta (74%)


 Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 15.247, 306.492 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, 15.247, 306.492 by changing the saturation by 10% instead.


 30, 15.247,
306.492


 30, 15.247,
306.492

 100, 15.247,
306.492


 20, 15.247,
306.492


 50, 15.247,
306.492


 10, 15.247,
306.492

 60, 15.247,
306.492

 0, 15.247, 306.492

 70, 15.247,
306.492

 80, 15.247,
306.492

 90, 15.247,
306.492

■ 30, 15.247,
306.492

■ 30, 15.247,
306.492

■ 27, 21.488,
307.095

■ 33, 9.162, 305.936

■ 36, 3.252, 305.426

■ 24, 27.849,
307.735

■ 39, 2.480, 125.010

■ 21, 34.255,
308.391

■ 43, 8.035, 124.599

■ 18, 40.570,
309.023

■ 46, 13.420,
124.246

■ 15, 46.570,
309.570

■ 49, 18.641,
123.938

■ 13, 51.910,
309.939

■ 52, 23.708,
123.669

■ 11, 56.676,
310.219

■ 55, 28.628,
123.434

■ 10, 59.038,

■ 58, 33.410,

310.493

123.232

Harmonies

Complementary

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



30, 15.247, 306.492



37, 14.644, 123.980

Rectangle

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



30, 15.247, 306.492



30, 15.247, 356.492



30, 15.247, 126.492



30, 15.247, 176.492

Sweetspot

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



30, 15.246, 306.491



46, 5.789, 305.557



34, 7.736, 244.819



22, 4.079, 305.611



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, 15.246, 306.491



37, 23.215, 306.872



31, 16.891, 322.362



17, 3.316, 305.587



13, 68.168, 310.219



35, 121.073, 309.546

Inverse Universe

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



31, 13.325, 340.083



39, 20.133, 340.616



36, 16.788, 139.918



17, 2.937, 338.787



23, 47.532, 350.625



52, 82.818, 352.672

Previews

White Background



This preview shows how the CIE LCh color 30, 15.247, 306.492 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, 15.247, 306.492 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, 15.247, 306.492

Background



This preview shows how black text looks on a background with the CIELCh color 30, 15.247, 306.492.

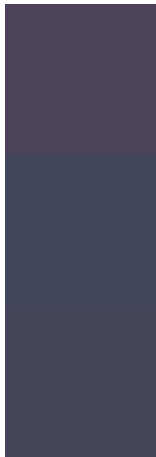


This preview shows how white text looks on a background with the CIELCh color 30, 15.247, 306.492.

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, 15.247, 306.492

Protanopia

30, 14.159, 284.988

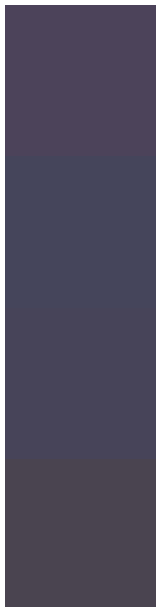
Deuteranopia

30, 12.826, 290.777



Tritanopia
30, 4.242, 314.946

Trichromacy



Original Color
30, 15.247, 306.492

Protanomaly
30, 14.103, 292.749

Deuteranomaly
30, 13.561, 297.679

Tritanomaly
30, 8.146, 309.681

Monochromacy



Original Color
30, 15.247, 306.492

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, 15.247, 306.492 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(76, 67, 90)` looks like.

```
.text, #text, p{  
    color:rgb(76, 67, 90)  
}
```

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(76, 67, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 67, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 15.247, 306.492 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(76, 67, 90) }
```

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

```
.border{ border-color:rgb(76, 67, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 67, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 67, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 67, 90);  
box-shadow:4px 4px 4px 4px rgb(76, 67, 90)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 15.247, 306.492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 67, 90) }
```

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

```
.background{ background-color: rgb(76, 67,  
90) }
```

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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