

Converting Colors

CIELCh(30, 15.983, 323.768)

Have a look what the booklet for
CIELCh(30, 15.983, 323.768)
contains.

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Color

CIELCh(30, 15.870, 324.321)

Conversions

Conversions Part 1

Format	Color
Hex	544055
RGB	84, 64, 85
RGB Percent	33%, 25%, 33%
CMY	0.6699, 0.7484, 0.6660
CMYK	0.01, 0.25, 0.00, 0.67
HSL	297°, 14%, 29%
HSV	297°, 25%, 33%
XYZ	7.1599, 6.2359, 9.4553
YIQ	72.3740, 5.1790, 10.7710

Conversions

Conversions Part 2

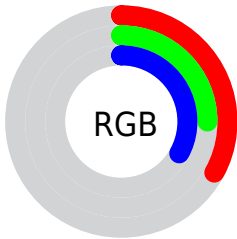
Format	Color
RYB	84, 64, 85
Decimal	5521493
CIELab	30.00, 12.89, -9.26
CIELCh	30, 15.870, 324.321
Yxy	6.2359, 0.3133, 0.2729
Android (android.graphics.Color)	4283711573 (0xFF544055)
YUV	72.3740, 6.2246, 10.1960
Hunter-Lab	24.9718, 7.4788, -4.9694

Details

The CIELCh color **30, 15.870, 324.321** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **34, 15.829, 141.786**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 16.010, 324.119**, and **10, 16.107, 324.908** is the 20% darker color. If you saturate the color by 10%, you get **28, 22.273, 324.781**, and if you desaturate by 10%, it is **32, 9.406, 323.845**.

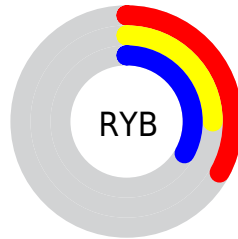
Distribution



 Red (33%)

 Green (25%)

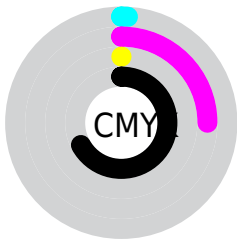
 Blue (33%)



 Red (33%)

 Yellow (25%)

 Blue (33%)

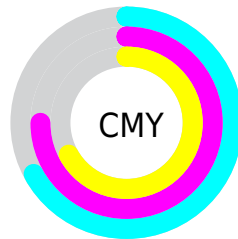


 Cyan (1%)

 Magenta (25%)

 Yellow (0%)

 Black (67%)



 Cyan (67%)


 Magenta (75%)


 Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 15.870, 324.321 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, 15.870, 324.321 by changing the saturation by 10% instead.


 30, 15.870,
324.321


 30, 15.870,
324.321

 100, 15.870,
324.321


 20, 15.870,
324.321


 50, 15.870,
324.321


 10, 15.870,
324.321

 60, 15.870,
324.321

 0, 15.870, 324.321

 70, 15.870,
324.321

 80, 15.870,
324.321

 90, 15.870,
324.321

30, 15.870,
324.321

30, 15.870,
324.321

28, 22.273,
324.781

32, 9.406, 323.845

25, 28.493,
325.214

35, 2.975, 323.341

38, 3.363, 142.959

23, 34.366,
325.606

40, 9.570, 142.480

22, 39.693,
325.938

43, 15.623,
142.038

20, 44.255,
326.195

46, 21.509,
141.620

19, 47.853,
326.361

48, 27.226,
141.225

18, 50.623,
326.452

51, 32.774,
140.853

18, 52.137,

54, 38.159,

326.507

140.505

Harmonies

Complementary

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



30, 15.870, 324.321



34, 15.829, 141.786

Rectangle

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



30, 15.870, 324.321



30, 15.870, 14.321



30, 15.870, 144.321



30, 15.870, 194.321

Sweetspot

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



30, 15.869, 324.321



44, 5.509, 323.478



28, 12.915, 290.797



22, 3.609, 323.490



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



30, 15.869, 324.321



37, 23.772, 324.614



30, 11.810, 342.945



16, 3.631, 323.558



23, 61.177, 326.456



54, 108.774, 326.338

Inverse Universe

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



29, 9.743, 17.375



36, 14.894, 18.064



34, 11.555, 159.121



16, 2.129, 15.957



21, 51.598, 34.686



49, 96.316, 38.580

Previews

White Background



This preview shows how the CIE LCh color 30, 15.870, 324.321 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, 15.870, 324.321 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, 15.870, 324.321

Background



This preview shows how black text looks on a background with the CIELCh color 30, 15.870, 324.321.



This preview shows how white text looks on a background with the CIELCh color 30, 15.870, 324.321.

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, 15.870, 324.321

Protanopia

30, 12.227, 285.064

Deuteranopia

30, 9.674, 296.801



Tritanopia
30, 7.422, 355.305

Trichromacy



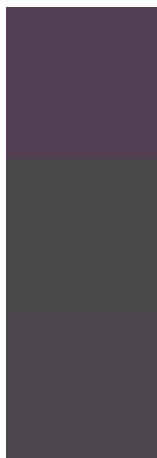
Original Color
30, 15.870, 324.321

Protanomaly
30, 13.029, 301.382

Deuteranomaly
30, 11.586, 310.920

Tritanomaly
30, 10.230, 337.879

Monochromacy



Original Color
30, 15.870, 324.321

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 5.427, 324.866

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 15.870, 324.321 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(84, 64, 85)` looks like.

```
.text, #text, p{  
    color:rgb(84, 64, 85)  
}
```

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(84, 64, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 64, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 15.870, 324.321 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(84, 64, 85) }
```

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

```
.border{ border-color:rgb(84, 64, 85) }
```

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

Here you see how a box with a 4 pixel rgb(84, 64, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 64, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 64, 85);  
box-shadow:4px 4px 4px 4px rgb(84, 64, 85)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 15.870, 324.321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 64, 85) }
```

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

```
.background{ background-color: rgb(84, 64,  
85) }
```

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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