

Converting Colors

CIELCh(30, 15.064, 314.867)

Have a look what the booklet for
CIELCh(30, 15.064, 314.867)
contains.

CIELCh(30, 14.699, 315.608)	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, 14.699, 315.608)

Conversions

Conversions Part 1

Format	Color
Hex	504257
RGB	80, 66, 87
RGB Percent	31%, 26%, 34%
CMY	0.6875, 0.7424, 0.6601
CMYK	0.08, 0.24, 0.00, 0.66
HSL	280°, 14%, 30%
HSV	280°, 24%, 34%
XYZ	6.9198, 6.2359, 9.7880
YIQ	72.5800, 1.6030, 9.4990

Conversions

Conversions Part 2

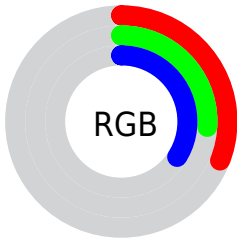
Format	Color
R_YB	80, 66, 87
Decimal	5259863
CIE Lab	30.00, 10.50, -10.28
CIE LCh	30, 14.699, 315.608
Yxy	6.2359, 0.3016, 0.2718
Android (android.graphics.Color)	4283449943 (0xFF504257)
YUV	72.5800, 7.1091, 6.5073
Hunter-Lab	24.9718, 5.7622, -5.7593

Details

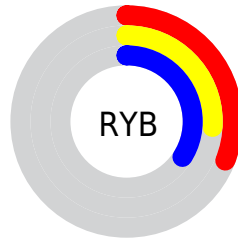
The CIELCh color **30, 14.699, 315.608** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **35, 14.423, 133.667**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **50, 14.721, 314.877**, and **10, 15.006, 315.106** is the 20% darker color. If you saturate the color by 10%, you get **27, 20.909, 316.015**, and if you desaturate by 10%, it is **33, 8.549, 315.201**.

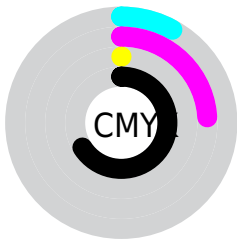
Distribution



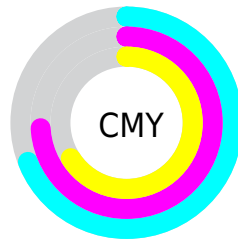
- Red (31%)
- Green (26%)
- Blue (34%)



- Red (31%)
- Yellow (26%)
- Blue (34%)



- Cyan (8%)
- Magenta (24%)
- Yellow (0%)
- Black (66%)





- Cyan (69%)
- Magenta (74%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 14.699, 315.608 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, 14.699, 315.608 by changing the saturation by 10% instead.


 30, 14.699,
315.608


 30, 14.699,
315.608

 100, 14.699,
315.608


 20, 14.699,
315.608


 50, 14.699,
315.608


 10, 14.699,
315.608

 60, 14.699,
315.608

 0, 14.699, 315.608

 70, 14.699,
315.608

 80, 14.699,
315.608

 90, 14.699,
315.608

■ 30, 14.699,
315.608

■ 30, 14.699,
315.608

■ 27, 20.909,
316.015

■ 33, 8.549, 315.201

■ 25, 27.108,
316.408

■ 36, 2.508, 314.788

■ 22, 33.179,
316.764

■ 39, 3.398, 134.486

■ 20, 38.956,
317.050

■ 44, 14.759,
133.809

■ 17, 44.212,
317.223

■ 47, 20.208,
133.519

■ 16, 48.673,
317.229

■ 50, 25.507,
133.257

■ 14, 52.351,
317.090

■ 53, 30.661,
133.021

■ 13, 54.651,

■ 56, 35.675,

317.088

132.810

Harmonies

Complementary

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



30, 14.699, 315.608



35, 14.423, 133.667

Rectangle

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



30, 14.699, 315.608



30, 14.699, 5.608



30, 14.699, 135.608



30, 14.699, 185.608

Sweetspot

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



30, 14.698, 315.608



45, 5.175, 314.918



31, 9.086, 273.022



22, 3.326, 314.927



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, 14.698, 315.608



37, 21.875, 315.842



31, 14.459, 330.179



16, 3.349, 314.982



18, 63.449, 316.827



43, 113.255, 316.177

Inverse Universe

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



30, 10.379, 355.946



38, 15.497, 356.609



35, 14.420, 147.306



16, 2.341, 354.369



21, 45.147, 14.963



50, 81.472, 18.980

Previews

White Background



This preview shows how the CIE LCh color 30, 14.699, 315.608 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, 14.699, 315.608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

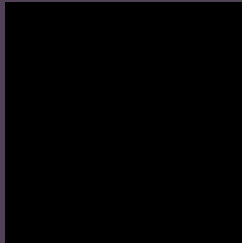
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 14.699, 315.608

Background



This preview shows how black text looks on a background with the CIELCh color 30, 14.699, 315.608.



This preview shows how white text looks on a background with the CIELCh color 30, 14.699, 315.608.

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

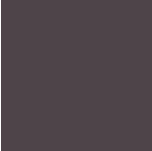
30, 14.699, 315.608

Protanopia

30, 12.859, 285.580

Deuteranopia

30, 10.922, 294.299



Tritanopia
30, 5.469, 344.591

Trichromacy



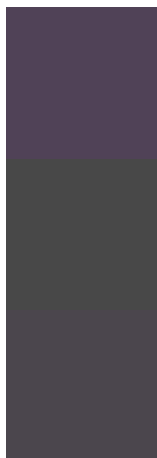
Original Color
30, 14.699, 315.608

Protanomaly
30, 13.561, 297.679

Deuteranomaly
30, 11.848, 304.192

Tritanomaly
30, 8.776, 327.543

Monochromacy



Original Color
30, 14.699, 315.608

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 4.993, 316.508

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 14.699, 315.608 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(80, 66, 87)` looks like.

```
.text, #text, p{  
    color:rgb(80, 66, 87)  
}
```

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(80, 66, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 66, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 14.699, 315.608 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(80, 66, 87) }
```

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

```
.border{ border-color:rgb(80, 66, 87) }
```

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

Here you see how a box with a 4 pixel rgb(80, 66, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 66, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 66, 87);  
box-shadow:4px 4px 4px 4px rgb(80, 66, 87)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 14.699, 315.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 66, 87) }
```

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

```
.background{ background-color: rgb(80, 66,  
87) }
```

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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