

Converting Colors

CIELCh(29, 6.275, 313.850)

Have a look what the booklet for
CIELCh(29, 6.275, 313.850) contains.

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Color

CIELCh(29, 6.387, 315.105)

Conversions

Conversions Part 1

Format	Color
Hex	48424B
RGB	72, 66, 75
RGB Percent	28%, 26%, 29%
CMY	0.7163, 0.7399, 0.7046
CMYK	0.04, 0.12, 0.00, 0.70
HSL	280°, 6%, 28%
HSV	280°, 12%, 30%
XYZ	5.9463, 5.8380, 7.5302
YIQ	68.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

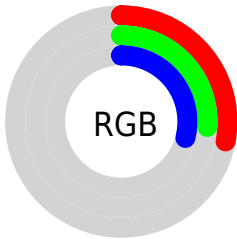
Format	Color
R_{YB}	72, 66, 75
Decimal	4735563
CIE _{Lab}	29.00, 4.52, -4.51
CIE _{LCh}	29, 6.387, 315.105
Yxy	5.8380, 0.3079, 0.3023
Android (android.graphics.Color)	4282925643 (0xFF48424B)
YUV	68.8200, 3.0467, 2.7889
Hunter-Lab	24.1619, 1.6456, -1.5647

Details

The CIELCh color **29, 6.387, 315.105** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31, 6.323, 134.225**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **49, 6.375, 312.788**, and **9, 6.695, 318.104** is the 20% darker color. If you saturate the color by 10%, you get **26, 11.838, 315.501**, and if you desaturate by 10%, it is **32, 1.036, 314.660**.

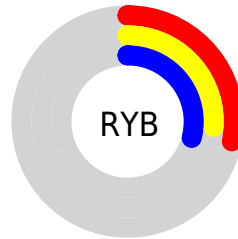
Distribution



 Red (28%)

 Green (26%)

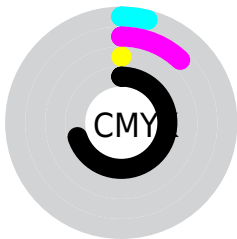
 Blue (29%)



 Red (28%)

 Yellow (26%)

 Blue (29%)

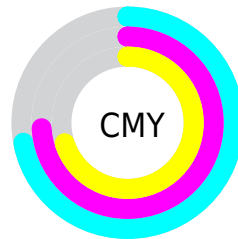


 Cyan (4%)

 Magenta (12%)

 Yellow (0%)

 Black (70%)



 Cyan (72%)















 Magenta (74%)

 Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 6.387, 315.105 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 29, 6.387, 315.105 by changing the saturation by 10% instead.

 29, 6.387, 315.105	 29, 6.387, 315.105
 100, 6.387, 315.105	 19, 6.387, 315.105
 49, 6.387, 315.105	 9, 6.387, 315.105
 59, 6.387, 315.105	 0, 6.387, 315.105
 69, 6.387, 315.105	
 79, 6.387, 315.105	
 89, 6.387, 315.105	
 99, 6.387, 315.105	
 29, 6.387, 315.105	 29, 6.387, 315.105

26, 11.838,
315.501

32, 1.036, 314.660

24, 17.356,
315.900

34, 4.193, 134.408

37, 9.291, 134.068

22, 22.887,
316.292

39, 14.254,
133.761

19, 28.341,
316.655

42, 19.083,
133.482

17, 33.593,
316.963

44, 23.782,
133.229

15, 38.466,
317.178

47, 28.355,
133.001

13, 42.739,
317.253

49, 32.807,
132.796

12, 46.379,
317.199

52, 37.144,
132.612

11, 49.606,

317.290

Harmonies

Complementary

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



29, 6.387, 315.105



31, 6.323, 134.225

Rectangle

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



29, 6.387, 315.105



29, 6.387, 5.105



29, 6.387, 135.105



29, 6.387, 185.105

Sweetspot

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



29, 6.386, 315.104



40, 2.614, 314.784



29, 4.037, 272.571



19, 1.833, 314.805



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



29, 6.386, 315.104



37, 9.236, 315.205



29, 6.254, 330.018



14, 3.010, 314.974



16, 61.280, 316.886



42, 111.381, 316.193

Inverse Universe

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



29, 4.473, 354.662



37, 6.480, 354.908



31, 6.237, 148.725



14, 2.103, 354.349



20, 43.576, 14.623



49, 80.108, 18.912

Previews

White Background



This preview shows how the CIELCh color 29, 6.387, 315.105 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 CIE LCh color 29, 6.387, 315.105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

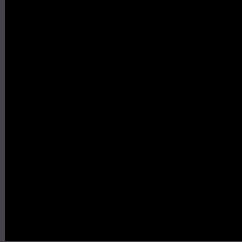
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 6.387, 315.105

Background



This preview shows how black text looks on a background with the CIELCh color 29, 6.387, 315.105.

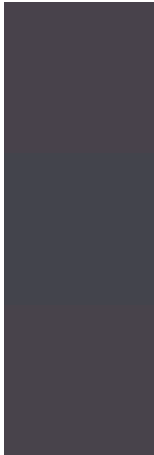


This preview shows how white text looks on a background with the CIELCh color 29, 6.387, 315.105.

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


29, 6.387, 315.105

Protanopia

29, 5.163, 286.471

Deuteranopia

29, 5.613, 313.696



Tritanopia
29, 3.916, 324.749

Trichromacy



Original Color

29, 6.387, 315.105

Protanomaly

29, 5.883, 299.581

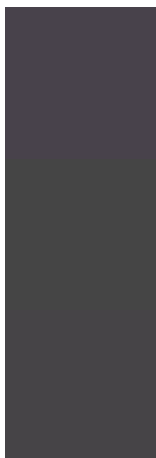
Deuteranomaly

29, 5.613, 313.696

Tritanomaly

29, 4.460, 320.107

Monochromacy



Original Color

29, 6.387, 315.105

Achromatopsia

29, 0.005, 296.813

Achromatomaly

29, 2.133, 314.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 6.387, 315.105 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(72, 66, 75)` looks like.

```
.text, #text, p{  
    color:rgb(72, 66, 75)  
}
```

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(72, 66, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 66, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 6.387, 315.105 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(72, 66, 75) }
```

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

```
.border{ border-color:rgb(72, 66, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 66, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 66, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 66, 75);  
box-shadow:4px 4px 4px 4px rgb(72, 66, 75)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 6.387, 315.105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 66, 75) }
```

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

```
.background{ background-color: rgb(72, 66,  
75) }
```

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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