

Converting Colors

CIELCh(29, 5.234, 329.108)

Have a look what the booklet for
CIELCh(29, 5.234, 329.108) contains.

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Color

CIELCh(29, 5.734, 328.587)

Conversions

Conversions Part 1

Format	Color
Hex	4A4249
RGB	74, 66, 73
RGB Percent	29%, 26%, 29%
CMY	0.7097, 0.7411, 0.7136
CMYK	0.00, 0.11, 0.01, 0.71
HSL	308°, 6%, 27%
HSV	308°, 11%, 29%
XYZ	5.9795, 5.8380, 7.1198
YIQ	69.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

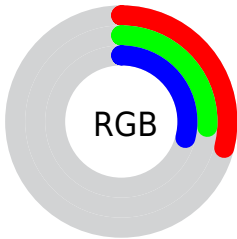
Format	Color
R_{YB}	74, 66, 73
Decimal	4866633
CIE Lab	29.00, 4.89, -2.99
CIE LCh	29, 5.734, 328.587
Yxy	5.8380, 0.3158, 0.3083
Android (android.graphics.Color)	4283056713 (0xFF4A4249)
YUV	69.1900, 1.8783, 4.2184
Hunter-Lab	24.1619, 1.8911, -0.5576

Details

The CIELCh color **29, 5.734, 328.587** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31, 5.720, 147.468**, and the grayscale version is **29, 0.005, 296.813**.

A 20% lighter version of the original color is **49, 5.952, 327.984**, and **9, 6.300, 325.358** is the 20% darker color. If you saturate the color by 10%, you get **27, 11.084, 329.135**, and if you desaturate by 10%, it is **31, 0.428, 327.757**.

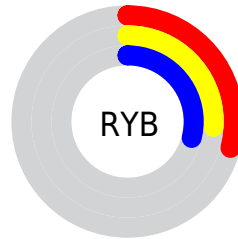
Distribution



Red (29%)

Green (26%)

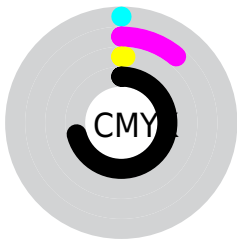
Blue (29%)



Red (29%)

Yellow (26%)

Blue (29%)

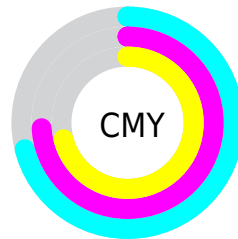


Cyan (0%)

Magenta (11%)

Yellow (1%)

Black (71%)



Cyan (71%)

Magenta (74%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 5.734, 328.587 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, 5.734, 328.587 by changing the saturation by 10% instead.

■ 29, 5.734, 328.587

■ 29, 5.734, 328.587

■ 100, 5.734,
328.587

■ 19, 5.734, 328.587

■ 49, 5.734, 328.587

■ 9, 5.734, 328.587

■ 59, 5.734, 328.587

■ 0, 5.734, 328.587

■ 69, 5.734, 328.587

■ 79, 5.734, 328.587

■ 89, 5.734, 328.587

■ 99, 5.734, 328.587

■ 29, 5.734, 328.587

■ 29, 5.734, 328.587

27, 11.084,
329.135

31, 0.428, 327.757

25, 16.415,
329.683

34, 4.789, 147.609

23, 21.635,
330.230

36, 9.890, 147.102

21, 26.619,
330.774

38, 14.862,
146.625

19, 31.211,
331.311

41, 19.697,
146.172

18, 35.233,
331.838

43, 24.395,
145.742

16, 38.502,
332.357

46, 28.959,
145.333

15, 40.980,
332.870

48, 33.394,
144.947

15, 43.280,

50, 37.706,
144.581

Harmonies

Complementary

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



29, 5.734, 328.587



31, 5.720, 147.468

Rectangle

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



29, 5.734, 328.587



29, 5.734, 18.587



29, 5.734, 148.587



29, 5.734, 198.587

Sweetspot

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



29, 5.733, 328.588



40, 1.982, 328.122



28, 5.198, 295.569



19, 1.482, 328.165



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, 5.733, 328.588



37, 8.633, 328.737



29, 4.090, 351.288



14, 3.039, 328.470



22, 53.750, 333.580



53, 96.627, 334.020

Inverse Universe

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



29, 5.733, 328.588



37, 8.633, 328.737



31, 4.007, 169.633



14, 3.039, 328.470



22, 53.750, 333.580



53, 96.627, 334.020

Previews

White Background



This preview shows how the CIELCh color 29, 5.734, 328.587 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, 5.734, 328.587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

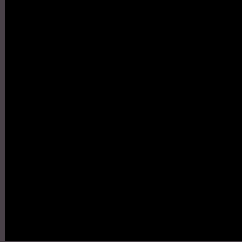
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 5.734, 328.587

Background



This preview shows how black text looks on a background with the CIELCh color 29, 5.734, 328.587.

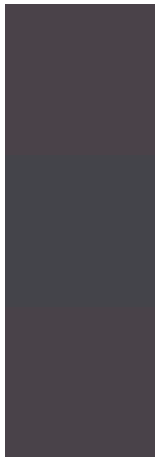


This preview shows how white text looks on a background with the CIELCh color 29, 5.734, 328.587.

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, 5.734, 328.587

Protanopia

29, 3.866, 290.920

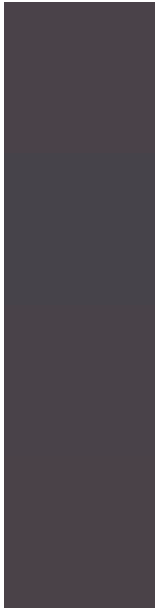
Deuteranopia

29, 5.477, 324.888



Tritanopia
29, 4.802, 338.163

Trichromacy



Original Color

29, 5.734, 328.587

Protanomaly

29, 4.715, 306.935

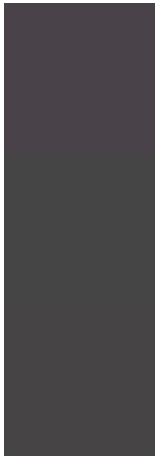
Deuteranomaly

29, 5.477, 324.888

Tritanomaly

29, 5.249, 332.939

Monochromacy



Original Color

29, 5.734, 328.587

Achromatopsia

29, 0.005, 296.813

Achromatomaly

29, 1.859, 335.837

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 5.734, 328.587 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(74, 66, 73)` looks like.

```
.text, #text, p{  
    color:rgb(74, 66, 73)  
}
```

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(74, 66, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 66, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 5.734, 328.587 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(74, 66, 73) }
```

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

```
.border{ border-color:rgb(74, 66, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 66, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 66, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 66, 73);  
box-shadow:4px 4px 4px 4px rgb(74, 66, 73)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 5.734, 328.587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 66, 73) }
```

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

```
.background{ background-color: rgb(74, 66,  
73) }
```

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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