

Converting Colors

CIELCh(29, 8.402, 344.181)

Have a look what the booklet for
CIELCh(29, 8.402, 344.181) contains.

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Color

CIELCh(29, 8.416, 343.317)

Conversions

Conversions Part 1

Format	Color
Hex	4F4048
RGB	79, 64, 72
RGB Percent	31%, 25%, 28%
CMY	0.6892, 0.7481, 0.7167
CMYK	0.00, 0.19, 0.09, 0.69
HSL	328°, 10%, 28%
HSV	328°, 19%, 31%
XYZ	6.2699, 5.8380, 6.9691
YIQ	69.3970, 6.3720, 5.6680

Conversions

Conversions Part 2

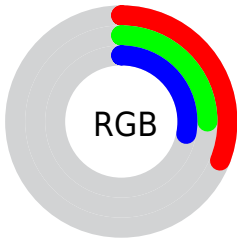
Format	Color
RYB	79, 64, 72
Decimal	5193800
CIELab	29.00, 8.06, -2.42
CIELCh	29, 8.416, 343.317
Yxy	5.8380, 0.3287, 0.3060
Android (android.graphics.Color)	4283383880 (0xFF4F4048)
YUV	69.3970, 1.2833, 8.4218
Hunter-Lab	24.1619, 4.0362, -0.1878

Details

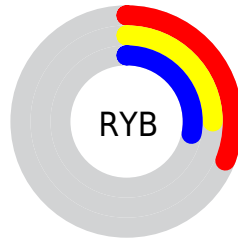
The CIELCh color $29, 8.416, 343.317$ is a dark color, and the websafe version is hex 333333 . A complement of this color would be $32, 8.261, 160.475$, and the grayscale version is $30, 0.005, 296.813$.

A 20% lighter version of the original color is $49, 8.027, 344.631$, and $9, 8.840, 340.234$ is the 20% darker color. If you saturate the color by 10%, you get $27, 12.937, 344.194$, and if you desaturate by 10%, it is $31, 3.935, 342.504$.

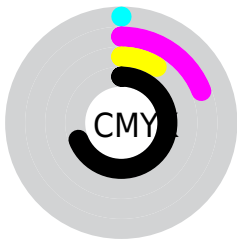
Distribution



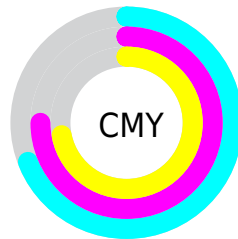
- Red (31%)
- Green (25%)
- Blue (28%)



- Red (31%)
- Yellow (25%)
- Blue (28%)



- Cyan (0%)
- Magenta (19%)
- Yellow (9%)
- Black (69%)



- Cyan (69%)
- Magenta (75%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 8.416, 343.317 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, 8.416, 343.317 by changing the saturation by 10% instead.

■ 29, 8.416, 343.317

■ 29, 8.416, 343.317

■ 100, 8.416,
343.317

■ 19, 8.416, 343.317

■ 49, 8.416, 343.317

■ 9, 8.416, 343.317

■ 59, 8.416, 343.317

■ 0, 8.416, 343.317

■ 69, 8.416, 343.317

■ 79, 8.416, 343.317

■ 89, 8.416, 343.317

■ 99, 8.416, 343.317

■ 29, 8.416, 343.317

■ 29, 8.416, 343.317

27, 12.937,
344.194

31, 3.935, 342.504

24, 17.430,
345.162

34, 0.459, 162.274

22, 21.790,
346.252

37, 4.739, 161.206

20, 25.876,
347.504

42, 12.916,
159.980

18, 29.511,
348.975

44, 16.811,
159.436

17, 32.505,
350.740

47, 20.582,
158.928

16, 34.702,
352.888

49, 24.235,
158.452

15, 36.799,
355.024

52, 27.779,
158.006

15, 37.043,

Harmonies

Complementary

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



29, 8.416, 343.317



32, 8.261, 160.475

Rectangle

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



29, 8.416, 343.317



29, 8.416, 33.317



29, 8.416, 163.317



29, 8.416, 213.317

Sweetspot

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



29, 8.415, 343.319



41, 3.246, 342.277



28, 10.192, 308.716



20, 2.126, 342.299



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



29, 8.415, 343.319



36, 12.636, 343.735



29, 6.913, 17.931



15, 2.520, 342.489



21, 44.629, 356.682



50, 79.331, 359.513

Inverse Universe

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



29, 8.415, 343.319



36, 12.636, 343.735



32, 6.228, 195.609



15, 2.520, 342.489



21, 44.629, 356.682



50, 79.331, 359.513

Previews

White Background



This preview shows how the CIELCh color 29, 8.416, 343.317 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 29, 8.416, 343.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

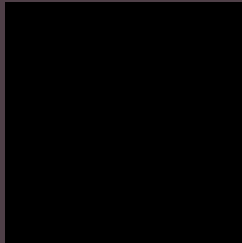
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 8.416, 343.317

Background



This preview shows how black text looks on a background with the CIELCh color 29, 8.416, 343.317.

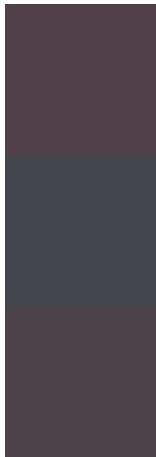


This preview shows how white text looks on a background with the CIELCh color 29, 8.416, 343.317.

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, 8.416, 343.317

Protanopia

29, 4.509, 291.040

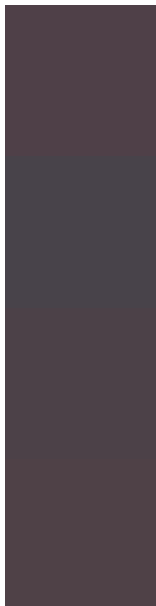
Deuteranopia

29, 5.249, 332.939



Tritanopia
29, 7.051, 353.651

Trichromacy



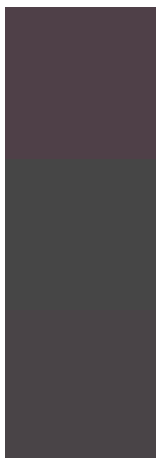
Original Color
29, 8.416, 343.317

Protanomaly
29, 5.028, 316.521

Deuteranomaly
29, 6.644, 337.911

Tritanomaly
29, 7.342, 349.141

Monochromacy



Original Color
29, 8.416, 343.317

Achromatopsia
30, 0.005, 296.813

Achromatomaly
29, 2.945, 339.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 8.416, 343.317 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(79, 64, 72)` looks like.

```
.text, #text, p{  
    color:rgb(79, 64, 72)  
}
```

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(79, 64, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 64, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 8.416, 343.317 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(79, 64, 72) }
```

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

```
.border{ border-color:rgb(79, 64, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 64, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 64, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 64, 72);  
box-shadow:4px 4px 4px 4px rgb(79, 64, 72)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 8.416, 343.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 64, 72) }
```

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

```
.background{ background-color: rgb(79, 64,  
72) }
```

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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