

Converting Colors

CIELCh(32, 3.506, 316.739)

Have a look what the booklet for
CIELCh(32, 3.506, 316.739) contains.

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Color

CIELCh(32, 3.628, 319.034)

Conversions

Conversions Part 1

Format	Color
Hex	4E4A4F
RGB	78, 74, 79
RGB Percent	31%, 29%, 31%
CMY	0.6940, 0.7097, 0.6901
CMYK	0.01, 0.06, 0.00, 0.69
HSL	288°, 3%, 30%
HSV	288°, 6%, 31%
XYZ	7.0053, 7.0852, 8.3990
YIQ	75.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

Format	Color
R_YB	78, 74, 79
Decimal	5130831
CIE _{Lab}	32.00, 2.74, -2.38
CIE _{LCh}	32, 3.628, 319.034
Yxy	7.0852, 0.3115, 0.3150
Android (android.graphics.Color)	4283320911 (0xFF4E4A4F)
YUV	75.7660, 1.5944, 1.9592
Hunter-Lab	26.6180, 0.3960, -0.0757

Details

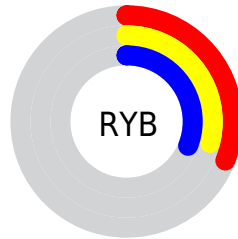
The CIELCh color **32, 3.628, 319.034** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33, 3.609, 138.583**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **52, 3.328, 318.931**, and **12, 4.142, 319.276** is the 20% darker color. If you saturate the color by 10%, you get **29, 9.431, 319.454**, and if you desaturate by 10%, it is **35, 2.077, 138.721**.

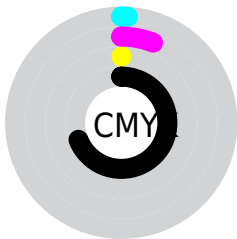
Distribution



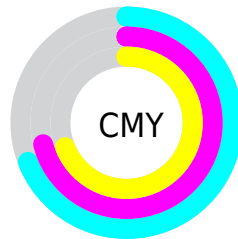
- Red (31%)
- Green (29%)
- Blue (31%)



- Red (31%)
- Yellow (29%)
- Blue (31%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (69%)



- Cyan (69%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 32, 3.628, 319.034 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 32, 3.628, 319.034 by changing the saturation by 10% instead.

■ 32, 3.628, 319.034

■ 32, 3.628, 319.034

■ 100, 3.628,
319.034

■ 22, 3.628, 319.034

■ 52, 3.628, 319.034

■ 12, 3.628, 319.034

■ 62, 3.628, 319.034

■ 2, 3.628, 319.034

■ 72, 3.628, 319.034

■ 0, 3.628, 319.034

■ 82, 3.628, 319.034

■ 92, 3.628, 319.034

■ 32, 3.628, 319.034

■ 32, 3.628, 319.034

■ 29, 9.431, 319.454

■ 35, 2.077, 138.721

27, 15.293,
319.864

37, 7.657, 138.308

25, 21.151,
320.262

40, 13.098,
137.946

22, 26.910,
320.633

42, 18.396,
137.611

20, 32.437,
320.956

45, 23.550,
137.299

18, 37.558,
321.205

47, 28.562,
137.012

17, 42.063,
321.348

50, 33.437,
136.748

15, 45.729,
321.350

53, 38.180,
136.506

14, 48.958,
321.301

55, 42.798,
136.284

Harmonies

Complementary

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



32, 3.628, 319.034



33, 3.609, 138.583

Rectangle

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



32, 3.628, 319.034



32, 3.628, 9.034



32, 3.628, 139.034



32, 3.628, 189.034

Sweetspot

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



32, 3.627, 319.032



43, 1.414, 318.803



32, 2.519, 280.090



21, 0.794, 318.783



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



32, 3.627, 319.032



41, 5.673, 319.118



32, 3.158, 333.948



14, 3.120, 319.132



19, 60.002, 321.085



47, 108.796, 320.606

Inverse Universe

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



32, 2.292, 3.656



41, 3.596, 3.854



33, 3.144, 153.289



14, 1.978, 3.887



20, 46.142, 26.023



48, 86.445, 30.276

Previews

White Background



This preview shows how the CIELCh color 32, 3.628, 319.034 looks on a white background.

Color Contrast Check

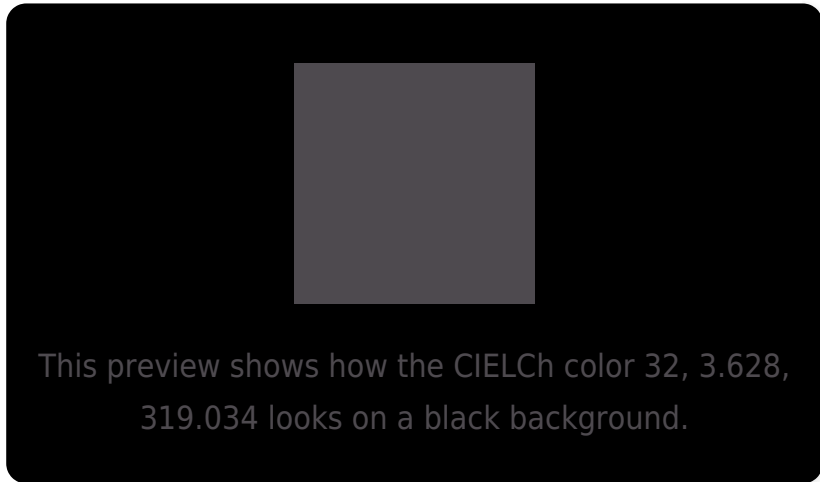
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

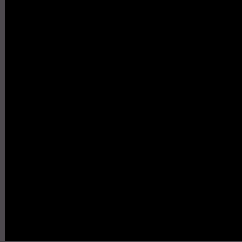
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

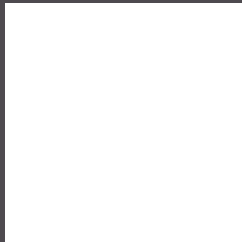
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 32, 3.628, 319.034

Background



This preview shows how black text looks on a background with the CIELCh color 32, 3.628, 319.034.

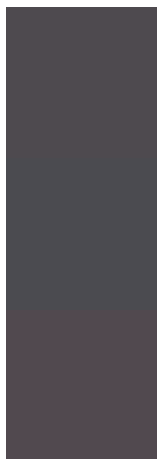


This preview shows how white text looks on a background with the CIELCh color 32, 3.628, 319.034.

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

32, 3.628, 319.034

Protanopia

32, 3.170, 290.753

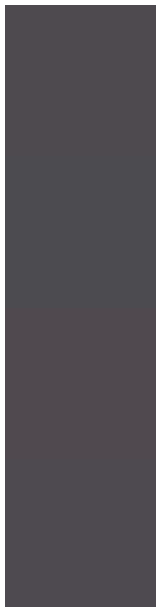
Deuteranopia

32, 5.167, 332.889



Tritanopia
32, 4.194, 314.929

Trichromacy



Original Color

32, 3.628, 319.034

Protanomaly

32, 3.204, 298.384

Deuteranomaly

32, 4.885, 329.050

Tritanomaly

32, 4.194, 314.929

Monochromacy



Original Color

32, 3.628, 319.034

Achromatopsia

32, 0.005, 296.813

Achromatomaly

32, 1.547, 324.486

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 32, 3.628, 319.034 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(78, 74, 79)` looks like.

```
.text, #text, p{  
    color:rgb(78, 74, 79)  
}
```

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(78, 74, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 74, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 32, 3.628, 319.034 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(78, 74, 79) }
```

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

```
.border{ border-color:rgb(78, 74, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 74, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 74, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 74, 79);  
box-shadow:4px 4px 4px 4px rgb(78, 74, 79)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 32, 3.628, 319.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 74, 79) }
```

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

```
.background{ background-color: rgb(78, 74,  
79) }
```

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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