

Converting Colors

CIELCh(28, 9.222, 318.905)

Have a look what the booklet for
CIELCh(28, 9.222, 318.905) contains.

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Color

CIELCh(28, 8.928, 320.440)

Conversions

Conversions Part 1

Format	Color
Hex	493F4B
RGB	73, 63, 75
RGB Percent	29%, 25%, 29%
CMY	0.7143, 0.7535, 0.7064
CMYK	0.03, 0.16, 0.00, 0.71
HSL	290°, 9%, 27%
HSV	290°, 16%, 29%
XYZ	5.7726, 5.4574, 7.3810
YIQ	67.3580, 2.1080, 5.8520

Conversions

Conversions Part 2

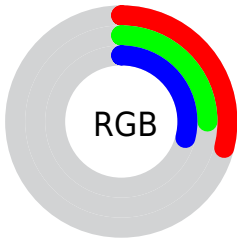
Format	Color
RYB	73, 63, 75
Decimal	4800331
CIELab	28.00, 6.88, -5.69
CIElCh	28, 8.928, 320.440
Yxy	5.4574, 0.3102, 0.2932
Android (android.graphics.Color)	4282990411 (0xFF493F4B)
YUV	67.3580, 3.7675, 4.9480
Hunter-Lab	23.3610, 3.2261, -2.3801

Details

The CIELCh color **28, 8.928, 320.440** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31, 8.873, 139.097**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 8.863, 320.616**, and **8, 8.500, 319.858** is the 20% darker color. If you saturate the color by 10%, you get **26, 14.572, 320.855**, and if you desaturate by 10%, it is **30, 3.332, 320.009**.

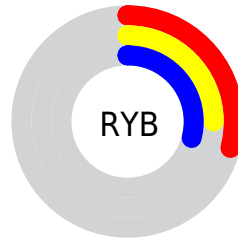
Distribution



Red (29%)

Green (25%)

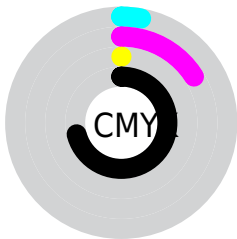
Blue (29%)



Red (29%)

Yellow (25%)

Blue (29%)

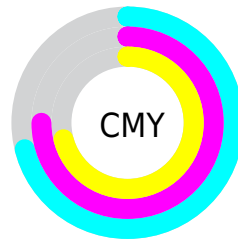


Cyan (3%)

Magenta (16%)

Yellow (0%)

Black (71%)



Cyan (71%)

Magenta (75%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 28, 8.928, 320.440 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 28, 8.928, 320.440 by changing the saturation by 10% instead.

■ 28, 8.928, 320.440

■ 28, 8.928, 320.440

■ 100, 8.928,
320.440

■ 18, 8.928, 320.440

■ 48, 8.928, 320.440

■ 8, 8.928, 320.440

■ 58, 8.928, 320.440

■ 0, 8.928, 320.440

■ 68, 8.928, 320.440

■ 78, 8.928, 320.440

■ 88, 8.928, 320.440

■ 98, 8.928, 320.440

■ 28, 8.928, 320.440

■ 28, 8.928, 320.440

26, 14.572,
320.855

30, 3.332, 320.009

23, 20.204,
321.258

33, 2.172, 139.690

35, 7.559, 139.269

21, 25.730,
321.635

38, 12.815,
138.897

19, 31.024,
321.965

40, 17.934,
138.549

17, 35.921,
322.226

43, 22.913,
138.225

16, 40.227,
322.391

45, 27.756,
137.924

15, 43.738,
322.429

48, 32.466,
137.645

13, 46.885,
322.430

50, 37.048,
137.389

13, 48.240,

322.458

Harmonies

Complementary

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



28, 8.928, 320.440



31, 8.873, 139.097

Rectangle

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



28, 8.928, 320.440



28, 8.928, 10.440



28, 8.928, 140.440



28, 8.928, 190.440

Sweetspot

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



28, 8.927, 320.440



40, 3.424, 319.970



28, 6.403, 283.162



19, 2.305, 319.986



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



28, 8.927, 320.440



35, 13.138, 320.594



28, 7.515, 335.958



14, 3.149, 320.128



20, 59.750, 322.217



48, 108.284, 321.806

Inverse Universe

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



28, 5.621, 7.148



35, 8.330, 7.522



31, 7.462, 153.930



14, 1.957, 6.441



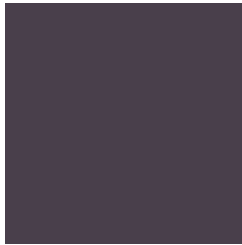
19, 46.978, 28.370



48, 88.409, 32.617

Previews

White Background



This preview shows how the CIELCh color 28, 8.928, 320.440 looks on a white background.

Color Contrast Check

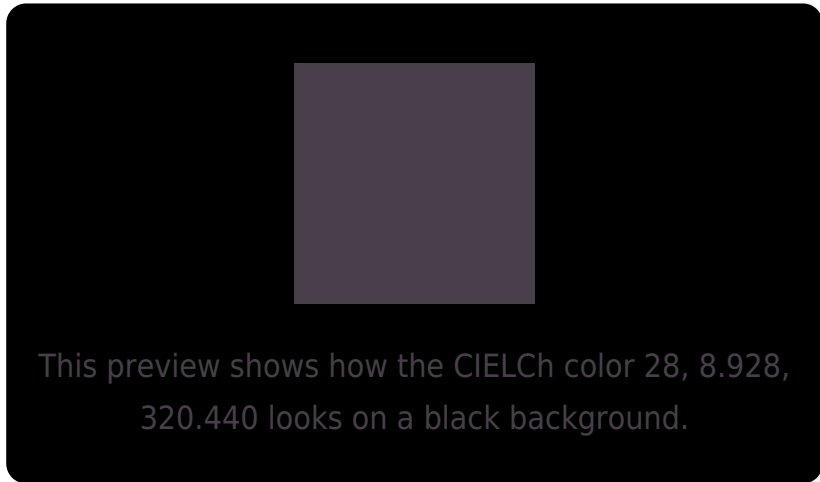
Large Text (above 18pt) WCAG AA ✓ Pass

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

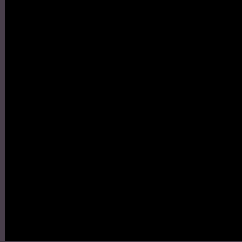
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 8.928, 320.440

Background



This preview shows how black text looks on a background with the CIELCh color 28, 8.928, 320.440.

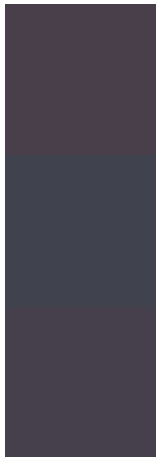


This preview shows how white text looks on a background with the CIELCh color 28, 8.928, 320.440.

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


28, 8.928, 320.440

Protanopia

28, 7.150, 284.888

Deuteranopia

28, 7.480, 308.089



Tritanopia
28, 4.825, 338.181

Trichromacy



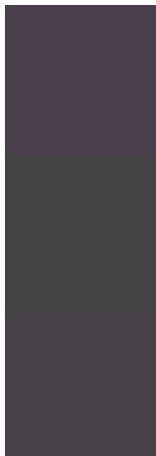
Original Color
28, 8.928, 320.440

Protanomaly
28, 7.195, 298.279

Deuteranomaly
28, 7.615, 311.208

Tritanomaly
28, 5.762, 328.601

Monochromacy



Original Color
28, 8.928, 320.440

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 3.704, 319.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 8.928, 320.440 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(73, 63, 75)` looks like.

```
.text, #text, p{  
    color:rgb(73, 63, 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(73, 63, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 63, 75) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 8.928, 320.440 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(73, 63, 75) }
```

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

```
.border{ border-color:rgb(73, 63, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 63, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 63, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 63, 75);  
box-shadow:4px 4px 4px 4px rgb(73, 63, 75)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 8.928, 320.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 63, 75) }
```

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

```
.background{ background-color: rgb(73, 63,  
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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