

Converting Colors

CIELCh(28, 10.941, 317.743)

Have a look what the booklet for
CIELCh(28, 10.941, 317.743)
contains.

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Color

CIELCh(28, 11.036, 319.582)

Conversions

Conversions Part 1

Format	Color
Hex	4A3E4D
RGB	74, 62, 77
RGB Percent	29%, 24%, 30%
CMY	0.7093, 0.7564, 0.6975
CMYK	0.04, 0.19, 0.00, 0.70
HSL	288°, 11%, 27%
HSV	288°, 19%, 30%
XYZ	5.9075, 5.4574, 7.7871
YIQ	67.2980, 2.3370, 7.2090

Conversions

Conversions Part 2

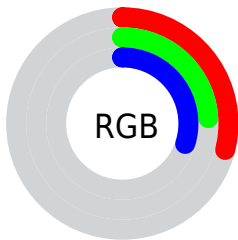
Format	Color
R_{YB}	74, 62, 77
Decimal	4865613
CIE Lab	28.00, 8.40, -7.16
CIE LCh	28, 11.036, 319.582
Yxy	5.4574, 0.3085, 0.2850
Android (android.graphics.Color)	4283055693 (0xFF4A3E4D)
YUV	67.2980, 4.7831, 5.8777
Hunter-Lab	23.3610, 4.2567, -3.4109

Details

The CIELCh color **28, 11.036, 319.582** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31, 10.941, 137.964**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 10.793, 319.713**, and **8, 10.899, 319.165** is the 20% darker color. If you saturate the color by 10%, you get **26, 16.787, 319.988**, and if you desaturate by 10%, it is **30, 5.324, 319.168**.

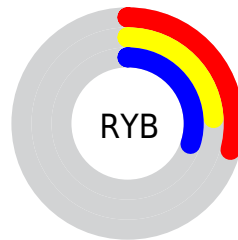
Distribution




 Red (29%)

 Green (24%)

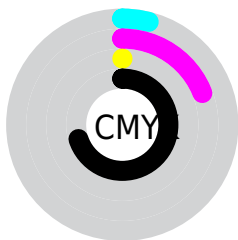
 Blue (30%)





 Red (29%)

 Yellow (24%)

 Blue (30%)

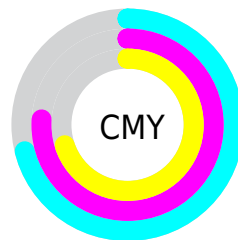


 Cyan (4%)

 Magenta (19%)

 Yellow (0%)

 Black (70%)



 Cyan (71%)


 Magenta (76%)


 Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 11.036, 319.582 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, 11.036, 319.582 by changing the saturation by 10% instead.

 28, 11.036,
319.582


 28, 11.036,
319.582

 100, 11.036,
319.582


 18, 11.036,
319.582


 48, 11.036,
319.582


 8, 11.036, 319.582

 58, 11.036,
319.582

 0, 11.036, 319.582

 68, 11.036,
319.582

 78, 11.036,
319.582

 88, 11.036,
319.582

 98, 11.036,

319.582

■ 28, 11.036,
319.582

■ 28, 11.036,
319.582

■ 26, 16.787,
319.988

■ 30, 5.324, 319.168

■ 23, 22.511,
320.378

■ 33, 0.301, 139.143

■ 35, 5.809, 138.430

■ 21, 28.103,
320.736

■ 38, 11.187,
138.061

■ 19, 33.423,
321.040

■ 41, 16.425,
137.718

■ 17, 38.290,
321.260

■ 43, 21.522,
137.400

■ 16, 42.493,
321.366

■ 46, 26.480,
137.106

■ 14, 45.859,
321.331

■ 48, 31.302,
136.835

■ 13, 49.224,
321.336

■ 51, 35.994,
136.587

■ 13, 49.421,
321.340

Harmonies

Complementary

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



28, 11.036, 319.582



31, 10.941, 137.964

Rectangle

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



28, 11.036, 319.582



28, 11.036, 9.582



28, 11.036, 139.582



28, 11.036, 189.582

Sweetspot

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



28, 11.035, 319.582



40, 4.160, 319.028



28, 7.855, 282.649



20, 2.783, 319.040



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



28, 11.035, 319.582



35, 16.142, 319.760



28, 9.481, 335.494



14, 3.120, 319.134



19, 60.001, 321.087



47, 108.795, 320.608

Inverse Universe

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



28, 7.121, 4.972



35, 10.492, 5.448



31, 9.410, 153.000



14, 1.978, 3.891



20, 46.144, 26.028



48, 86.449, 30.280

Previews

White Background



This preview shows how the CIELCh color 28, 11.036, 319.582 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 28, 11.036, 319.582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

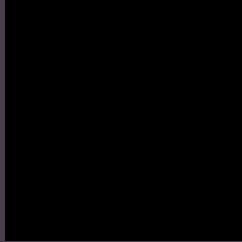
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 11.036, 319.582

Background



This preview shows how black text looks on a background with the CIELCh color 28, 11.036, 319.582.



This preview shows how white text looks on a background with the CIELCh color 28, 11.036, 319.582.

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, 11.036, 319.582

Protanopia

28, 8.473, 283.482

Deuteranopia

28, 7.898, 300.851



Tritanopia
28, 5.164, 341.617

Trichromacy



Original Color
28, 11.036, 319.582

Protanomaly
28, 8.481, 297.430

Deuteranomaly
28, 8.839, 308.439

Tritanomaly
28, 7.321, 327.961

Monochromacy



Original Color
28, 11.036, 319.582

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 4.481, 320.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 11.036, 319.582 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, 62, 77)` looks like.

```
.text, #text, p{  
    color:rgb(74, 62, 77)  
}
```

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, 62, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 62, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 11.036, 319.582 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, 62, 77) }
```

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

```
.border{ border-color:rgb(74, 62, 77) }
```

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

Here you see how a box with a 4 pixel rgb(74, 62, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 62, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 62, 77);  
box-shadow:4px 4px 4px 4px rgb(74, 62, 77)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 11.036, 319.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 62, 77) }
```

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

```
.background{ background-color: rgb(74, 62,  
77) }
```

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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