

Converting Colors

CIELCh(28, 6.914, 346.031)

Have a look what the booklet for
CIELCh(28, 6.914, 346.031) contains.

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Color

CIELCh(28, 6.627, 344.851)

Conversions

Conversions Part 1

Format	Color
Hex	4B3F45
RGB	75, 63, 69
RGB Percent	29%, 25%, 27%
CMY	0.7064, 0.7535, 0.7300
CMYK	0.00, 0.16, 0.08, 0.71
HSL	330°, 9%, 27%
HSV	330°, 16%, 29%
XYZ	5.7298, 5.4574, 6.3585
YIQ	67.2720, 5.2260, 4.4100

Conversions

Conversions Part 2

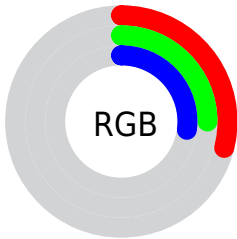
Format	Color
R_YB	75, 63, 69
Decimal	4931397
CIE Lab	28.00, 6.40, -1.73
CIE LCh	28, 6.627, 344.851
Yxy	5.4574, 0.3266, 0.3110
Android (android.graphics.Color)	4283121477 (0xFF4B3F45)
YUV	67.2720, 0.8519, 6.7775
Hunter-Lab	23.3610, 2.8994, 0.2150

Details

The CIELCh color **28, 6.627, 344.851** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31, 6.506, 162.451**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 6.381, 346.602**, and **8, 6.382, 345.765** is the 20% darker color. If you saturate the color by 10%, you get **26, 10.849, 345.735**, and if you desaturate by 10%, it is **30, 2.465, 344.014**.

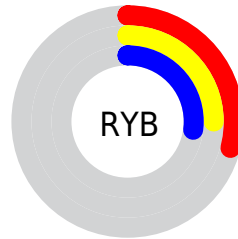
Distribution



Red (29%)

Green (25%)

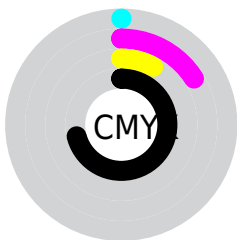
Blue (27%)



Red (29%)

Yellow (25%)

Blue (27%)

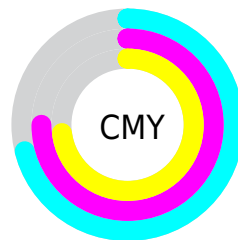


Cyan (0%)

Magenta (16%)

Yellow (8%)

Black (71%)



Cyan (71%)

Magenta (75%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 28, 6.627, 344.851 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, 6.627, 344.851 by changing the saturation by 10% instead.

■ 28, 6.627, 344.851

■ 28, 6.627, 344.851

■ 100, 6.627,
344.851

■ 18, 6.627, 344.851

■ 48, 6.627, 344.851

■ 8, 6.627, 344.851

■ 58, 6.627, 344.851

■ 0, 6.627, 344.851

■ 68, 6.627, 344.851

■ 78, 6.627, 344.851

■ 88, 6.627, 344.851

■ 98, 6.627, 344.851

■ 28, 6.627, 344.851

■ 28, 6.627, 344.851

26, 10.849,
345.735

30, 2.465, 344.014

23, 15.078,
346.708

33, 1.600, 163.500

35, 5.550, 162.745

21, 19.229,
347.807

38, 9.377, 162.114

19, 23.184,
349.069

40, 13.080,
161.535

18, 26.792,
350.552

43, 16.662,
160.997

16, 29.877,
352.330

45, 20.129,
160.494

15, 32.273,
354.502

48, 23.486,
160.024

14, 34.384,
356.797

50, 26.743,
159.583

13, 35.323,

357.618

Harmonies

Complementary

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



28, 6.627, 344.851



31, 6.506, 162.451

Rectangle

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



28, 6.627, 344.851



28, 6.627, 34.851



28, 6.627, 164.851



28, 6.627, 214.851

Sweetspot

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



28, 6.626, 344.854



40, 2.532, 343.938



28, 8.243, 309.720



19, 1.704, 343.970



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, 6.626, 344.854



36, 9.763, 345.170



28, 5.528, 20.331



14, 2.332, 344.243



20, 43.481, 359.453



49, 78.178, 2.666

Inverse Universe

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



28, 6.626, 344.854



36, 9.763, 345.170



31, 5.040, 198.689



14, 2.332, 344.243



20, 43.481, 359.453



49, 78.178, 2.666

Previews

White Background



This preview shows how the CIELCh color 28, 6.627, 344.851 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 28, 6.627, 344.851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

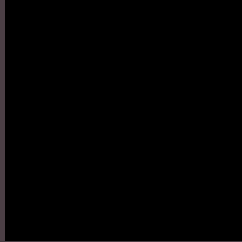
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 6.627, 344.851

Background



This preview shows how black text looks on a background with the CIELCh color 28, 6.627, 344.851.

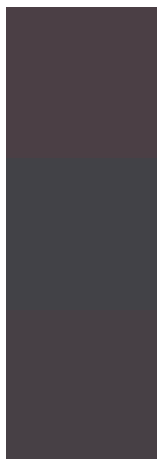


This preview shows how white text looks on a background with the CIELCh color 28, 6.627, 344.851.

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

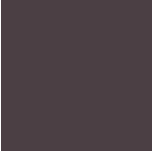
28, 6.627, 344.851

Protanopia

28, 3.238, 290.815

Deuteranopia

28, 4.505, 334.269



Tritanopia
28, 6.290, 349.693

Trichromacy



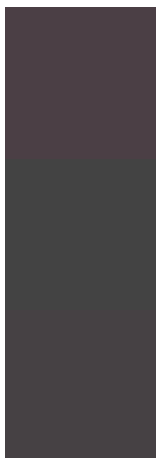
Original Color
28, 6.627, 344.851

Protanomaly
28, 3.704, 319.063

Deuteranomaly
28, 4.825, 338.181

Tritanomaly
28, 6.290, 349.693

Monochromacy



Original Color
28, 6.627, 344.851

Achromatopsia
28, 0.004, 296.813

Achromatomaly
28, 2.967, 339.047

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 6.627, 344.851 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(75, 63, 69)` looks like.

```
.text, #text, p{  
    color:rgb(75, 63, 69)  
}
```

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(75, 63, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 63, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 6.627, 344.851 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(75, 63, 69) }
```

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

```
.border{ border-color:rgb(75, 63, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 63, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 63, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 63, 69);  
box-shadow:4px 4px 4px 4px rgb(75, 63, 69)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 6.627, 344.851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 63, 69) }
```

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

```
.background{ background-color: rgb(75, 63,  
69) }
```

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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