

Converting Colors

CIELCh(28, 15.325, 325.661)

Have a look what the booklet for
CIELCh(28, 15.325, 325.661)
contains.

CIELCh(28, 14.737, 325.623)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(28, 14.737, 325.623)

Conversions

Conversions Part 1

Format	Color
Hex	4F3C4F
RGB	79, 60, 79
RGB Percent	31%, 24%, 31%
CMY	0.6902, 0.7647, 0.6902
CMYK	0.00, 0.24, 0.00, 0.69
HSL	300°, 14%, 27%
HSV	300°, 24%, 31%
XYZ	6.2504, 5.4574, 8.1198
YIQ	67.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

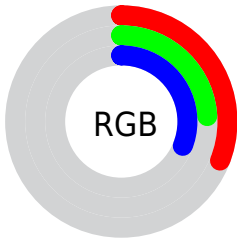
Format	Color
RYB	79, 60, 79
Decimal	5192783
CIELab	28.00, 12.16, -8.32
CIELCh	28, 14.737, 325.623
Yxy	5.4574, 0.3152, 0.2752
Android (android.graphics.Color)	4283382863 (0xFF4F3C4F)
YUV	67.8470, 5.4984, 9.7812
Hunter-Lab	23.3610, 6.8772, -4.2552

Details

The CIELCh color **28, 14.737, 325.623** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **32, 14.727, 143.027**, and the grayscale version is **29, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 14.949, 325.292**, and **8, 14.680, 324.701** is the 20% darker color. If you saturate the color by 10%, you get **26, 20.819, 326.108**, and if you desaturate by 10%, it is **30, 8.588, 325.123**.

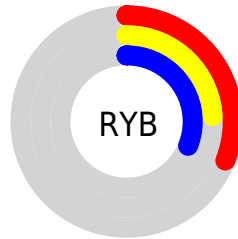
Distribution



 Red (31%)

 Green (24%)

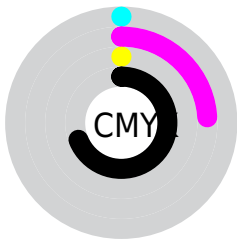
 Blue (31%)



 Red (31%)

 Yellow (24%)

 Blue (31%)

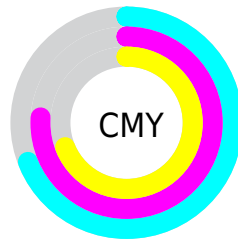


 Cyan (0%)


 Magenta (24%)

 Yellow (0%)

 Black (69%)



 Cyan (69%)

 Magenta (76%)

 Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 28, 14.737, 325.623 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, 14.737, 325.623 by changing the saturation by 10% instead.

 28, 14.737,
325.623


 28, 14.737,
325.623

 100, 14.737,
325.623

 18, 14.737,
325.623


 48, 14.737,
325.623


 8, 14.737, 325.623

 58, 14.737,
325.623

 0, 14.737, 325.623

 68, 14.737,
325.623

 78, 14.737,
325.623

 88, 14.737,
325.623

 98, 14.737,

325.623

■ 28, 14.737,
325.623

■ 28, 14.737,
325.623

■ 26, 20.819,
326.108

■ 30, 8.588, 325.123

■ 24, 26.718,
326.568

■ 33, 2.464, 324.589

■ 22, 32.279,
326.993

■ 35, 3.576, 144.190

■ 20, 37.320,
327.369

■ 40, 15.262,
143.220

■ 19, 41.645,
327.684

■ 42, 20.872,
142.775

■ 18, 45.077,
327.929

■ 45, 26.318,
142.352

■ 17, 47.770,
328.119

■ 48, 31.601,
141.953

■ 17, 49.414,
328.233

■ 50, 36.725,
141.576

Harmonies

Complementary

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



28, 14.737, 325.623



32, 14.727, 143.027

Rectangle

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



28, 14.737, 325.623



28, 14.737, 15.623



28, 14.737, 145.623



28, 14.737, 195.623

Sweetspot

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



28, 14.736, 325.623



41, 5.268, 324.771



26, 12.464, 292.673



20, 3.380, 324.779



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, 14.736, 325.623



35, 21.937, 325.915



28, 10.473, 345.571



14, 3.312, 324.844



23, 58.971, 328.233



54, 106.716, 328.233

Inverse Universe

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



28, 14.736, 325.623



35, 21.937, 325.915



32, 10.192, 161.731



14, 3.312, 324.844



23, 58.971, 328.233



54, 106.716, 328.233

Previews

White Background



This preview shows how the CIELCh color 28, 14.737, 325.623 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, 14.737, 325.623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

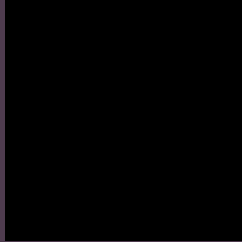
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 14.737, 325.623

Background



This preview shows how black text looks on a background with the CIELCh color 28, 14.737, 325.623.



This preview shows how white text looks on a background with the CIELCh color 28, 14.737, 325.623.

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, 14.737, 325.623

Protanopia

28, 11.070, 284.031

Deuteranopia

28, 8.481, 297.430



Tritanopia
28, 7.514, 355.408

Trichromacy



Original Color
28, 14.737, 325.623

Protanomaly
28, 11.818, 300.323

Deuteranomaly
28, 10.346, 310.998

Tritanomaly
28, 9.935, 340.740

Monochromacy



Original Color
28, 14.737, 325.623

Achromatopsia
29, 0.005, 296.813

Achromatomaly
28, 5.490, 324.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 14.737, 325.623 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, 60, 79)` looks like.

```
.text, #text, p{  
    color:rgb(79, 60, 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(79, 60, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 60, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 14.737, 325.623 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, 60, 79) }
```

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

```
.border{ border-color:rgb(79, 60, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 60, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 60, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 60, 79);  
box-shadow:4px 4px 4px 4px rgb(79, 60, 79)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 14.737, 325.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 60, 79) }
```

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

```
.background{ background-color: rgb(79, 60,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor