

Converting Colors

CIELCh(14, 36.877, 328.790)

Have a look what the booklet for
CIELCh(14, 36.877, 328.790)
contains.

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Color

CIELCh(14, 37.121, 328.426)

Conversions

Conversions Part 1

Format	Color
Hex	400C3F
RGB	64, 12, 63
RGB Percent	25%, 5%, 25%
CMY	0.7480, 0.9518, 0.7520
CMYK	0.00, 0.81, 0.02, 0.75
HSL	301°, 68%, 15%
HSV	301°, 81%, 25%
XYZ	3.1695, 1.7298, 4.9044
YIQ	33.3620, 14.6210, 26.8850

Conversions

Conversions Part 2

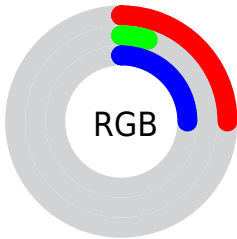
Format	Color
RYB	64, 12, 63
Decimal	4197439
CIELab	14.00, 31.63, -19.44
CIElCh	14, 37.121, 328.426
Yxy	1.7298, 0.3233, 0.1764
Android (android.graphics.Color)	4282387519 (0xFF400C3F)
YUV	33.3620, 14.6115, 26.8695
Hunter-Lab	13.1521, 20.0001, -12.9029




Details

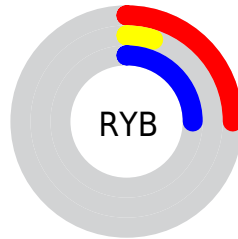
The CIELCh color **14, 37.121, 328.426** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **23, 37.925, 138.425**, and the grayscale version is **13, 0.003, 296.813**.




A 20% lighter version of the original color is **34, 37.197, 328.460**, and **1, 8.738, 297.469** is the 20% darker color. If you saturate the color by 10%, you get **13, 39.847, 328.687**, and if you desaturate by 10%, it is **15, 33.835, 328.119**.

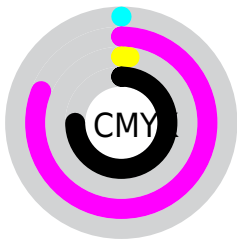
Distribution







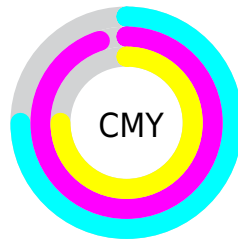
-  Red (25%)
-  Green (5%)
-  Blue (25%)






-  Red (25%)
-  Yellow (5%)
-  Blue (25%)



-  Cyan (0%)
-  Magenta (81%)
-  Yellow (2%)
-  Black (75%)





-  Cyan (75%)
-  Magenta (95%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 37.121, 328.426 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 14, 37.121, 328.426 by changing the saturation by 10% instead.

 14, 37.121,
328.426

 14, 37.121,
328.426

 100, 37.121,
328.426

 4, 37.121, 328.426


 34, 37.121,
328.426

 0, 37.121, 328.426

 44, 37.121,
328.426


 54, 37.121,
328.426

 64, 37.121,
328.426


 74, 37.121,
328.426


 84, 37.121,


328.426


 94, 37.121,
328.426


 14, 37.121,
328.426


 14, 37.121,
328.426


 13, 39.847,
328.687


 15, 33.835,
328.119

 12, 42.467,
328.927

 16, 29.902,
327.758

 18, 25.473,
327.352

 19, 20.699,
326.910

 21, 15.715,
326.444

■ 23, 10.626,
325.962

■ 25, 5.518, 325.467

■ 27, 0.448, 324.745

■ 29, 4.542, 144.559

Harmonies

Complementary

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



14, 37.121, 328.426



23, 37.925, 138.425

Rectangle

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



14, 37.121, 328.426



14, 37.121, 18.426



14, 37.121, 148.426



14, 37.121, 198.426

Sweetspot

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



14, 37.120, 328.426



30, 15.295, 326.165



7, 38.262, 301.861



14, 10.600, 326.243



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



14, 37.120, 328.426



18, 50.071, 328.892



13, 27.484, 354.084



12, 2.891, 325.349



21, 56.079, 328.973



53, 103.318, 329.031

Inverse Universe

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



14, 37.120, 328.426



18, 50.071, 328.892



23, 26.052, 155.905



12, 2.891, 325.349



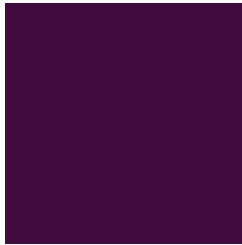
21, 56.079, 328.973



53, 103.318, 329.031

Previews

White Background



This preview shows how the CIE LCh color 14, 37.121, 328.426 looks on a white background.

Color Contrast Check

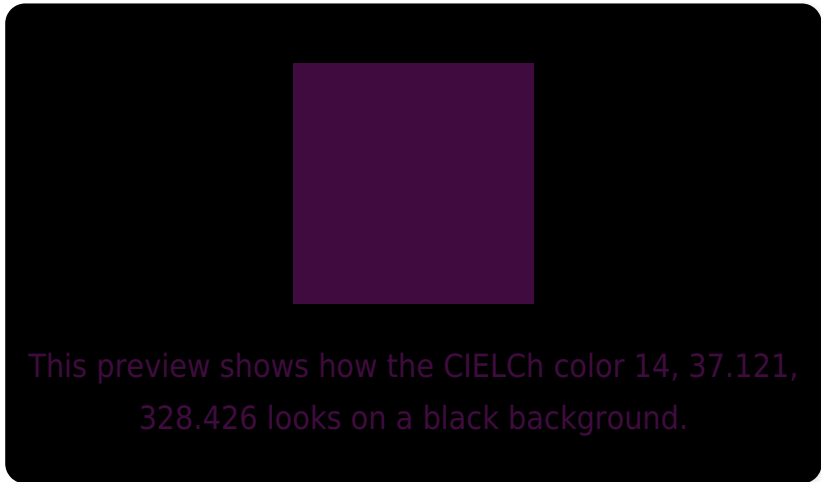
Large Text (above 18pt) WCAG AA ✓ Pass

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

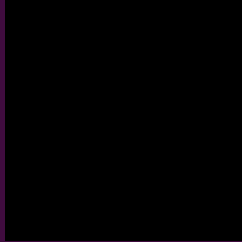
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 37.121, 328.426

Background



This preview shows how black text looks on a background with the CIELCh color 14, 37.121, 328.426.



This preview shows how white text looks on a background with the CIELCh color 14, 37.121, 328.426.

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

14, 37.121, 328.426

Protanopia

14, 29.424, 282.516

Deuteranopia

15, 15.891, 278.516



Tritanopia
15, 17.482, 20.216

Trichromacy



Original Color
14, 37.121, 328.426

Protanomaly
12, 32.276, 296.859

Deuteranomaly
14, 23.248, 306.516

Tritanomaly
14, 22.293, 351.612

Monochromacy



Original Color
14, 37.121, 328.426

Achromatopsia
13, 0.003, 296.813

Achromatomaly
13, 16.069, 326.288

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 37.121, 328.426 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(64, 12, 63)` looks like.

```
.text, #text, p{  
    color:rgb(64, 12, 63)  
}
```

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(64, 12, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 12, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 37.121, 328.426 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(64, 12, 63) }
```

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

```
.border{ border-color:rgb(64, 12, 63) }
```

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

Here you see how a box with a 4 pixel rgb(64, 12, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 12, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 12, 63);  
box-shadow:4px 4px 4px 4px rgb(64, 12, 63)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 37.121, 328.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 12, 63) }
```

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

```
.background{ background-color: rgb(64, 12,  
63) }
```

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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