

Converting Colors

CIELCh(14, 43.838, 322.462)

Have a look what the booklet for
CIELCh(14, 43.838, 322.462)
contains.

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Color

CIELCh(14, 43.901, 322.342)

Conversions

Conversions Part 1

Format	Color
Hex	3F094A
RGB	63, 9, 74
RGB Percent	25%, 4%, 29%
CMY	0.7539, 0.9658, 0.7107
CMYK	0.15, 0.88, 0.00, 0.71
HSL	290°, 79%, 16%
HSV	290°, 88%, 29%
XYZ	3.3580, 1.7298, 6.5952
YIQ	32.5560, 11.3190, 31.6630

Conversions

Conversions Part 2

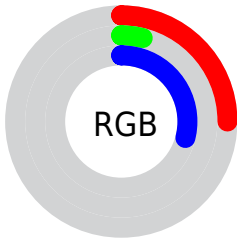
Format	Color
R_{YB}	63, 9, 74
Decimal	4131146
CIE _{Lab}	14.00, 34.76, -26.82
CIE _{LCh}	14, 43.901, 322.342
Yxy	1.7298, 0.2874, 0.1481
Android (android.graphics.Color)	4282321226 (0xFF3F094A)
YUV	32.5560, 20.4319, 26.6994
Hunter-Lab	13.1521, 22.5585, -20.5251




Details

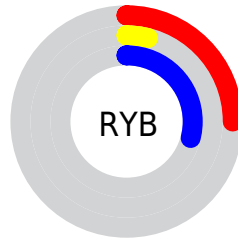
The CIELCh color **14, 43.901, 322.342** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **27, 43.662, 134.919**, and the grayscale version is **12, 0.003, 296.813**.



A 20% lighter version of the original color is **34, 43.519, 322.271**, and **1, 16.231, 295.308** is the 20% darker color. If you saturate the color by 10%, you get **13, 47.142, 322.372**, and if you desaturate by 10%, it is **15, 40.581, 322.330**.

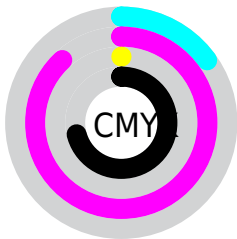
Distribution







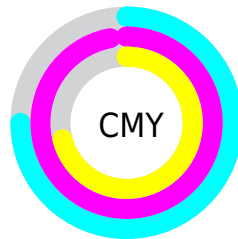
-  Red (25%)
-  Green (4%)
-  Blue (29%)






-  Red (25%)
-  Yellow (4%)
-  Blue (29%)



-  Cyan (15%)
-  Magenta (88%)
-  Yellow (0%)
-  Black (71%)





-  Cyan (75%)
-  Magenta (97%)
-  Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 43.901, 322.342 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, 43.901, 322.342 by changing the saturation by 10% instead.

 14, 43.901,
322.342


 14, 43.901,
322.342


 100, 43.901,
322.342


 4, 43.901, 322.342


 34, 43.901,
322.342

 0, 43.901, 322.342

 44, 43.901,
322.342

 54, 43.901,
322.342


 64, 43.901,
322.342


 74, 43.901,
322.342


 84, 43.901,


322.342


 94, 43.901,
322.342


 14, 43.901,
322.342


 14, 43.901,
322.342


 13, 47.142,
322.372

 15, 40.581,
322.330

 13, 47.777,
322.388

 17, 36.463,
322.190

 19, 31.722,
321.947

 20, 26.557,
321.630

 23, 21.134,
321.263

■ 25, 15.585,
320.865

■ 27, 10.008,
320.453

■ 29, 4.470, 320.031

■ 32, 0.985, 139.761

Harmonies

Complementary

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



14, 43.901, 322.342



27, 43.662, 134.919

Rectangle

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



14, 43.901, 322.342



14, 43.901, 12.342



14, 43.901, 142.342



14, 43.901, 192.342

Sweetspot

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



14, 43.900, 322.342



33, 18.024, 320.819



10, 38.710, 297.552



15, 12.058, 320.883



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



14, 43.900, 322.342



18, 57.649, 322.168



15, 35.448, 342.465



13, 2.967, 320.047



19, 58.711, 322.149



47, 107.410, 321.719

Inverse Universe

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



14, 32.555, 21.694



18, 45.049, 27.652



27, 37.015, 145.563



13, 1.845, 6.232



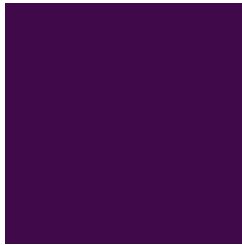
19, 45.988, 27.944



48, 87.488, 32.415

Previews

White Background



This preview shows how the CIE LCh color 14, 43.901, 322.342 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 14, 43.901, 322.342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

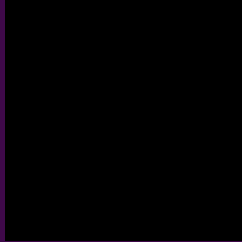
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 43.901, 322.342

Background



This preview shows how black text looks on a background with the CIELCh color 14, 43.901, 322.342.



This preview shows how white text looks on a background with the CIELCh color 14, 43.901, 322.342.

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, 43.901, 322.342

Protanopia

15, 29.368, 281.965

Deuteranopia

15, 22.491, 270.765



Tritanopia
15, 14.138, 17.871

Trichromacy



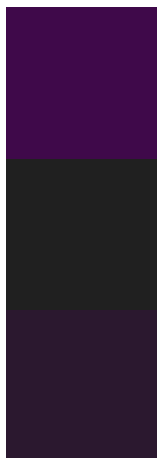
Original Color
14, 43.901, 322.342

Protanomaly
13, 34.971, 297.594

Deuteranomaly
12, 30.822, 295.818

Tritanomaly
14, 23.381, 339.760

Monochromacy



Original Color
14, 43.901, 322.342

Achromatopsia
12, 0.003, 296.813

Achromatomaly
12, 18.506, 321.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 43.901, 322.342 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(63, 9, 74)` looks like.

```
.text, #text, p{  
    color:rgb(63, 9, 74)  
}
```

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(63, 9, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 9, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 43.901, 322.342 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(63, 9, 74) }
```

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

```
.border{ border-color:rgb(63, 9, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 9, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 9, 74); -webkit-box-shadow:4px  
4px 4px 4px rgb(63, 9, 74); box-shadow:4px  
4px 4px 4px rgb(63, 9, 74) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 43.901, 322.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 9, 74) }
```

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

```
.background{ background-color: rgb(63, 9,  
74) }
```

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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