

Converting Colors

CIELCh(14, 47.267, 320.568)

Have a look what the booklet for
CIELCh(14, 47.267, 320.568)
contains.

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Color

CIELCh(14, 47.241, 320.598)

Conversions

Conversions Part 1

Format	Color
Hex	3E064E
RGB	62, 6, 78
RGB Percent	24%, 2%, 31%
CMY	0.7554, 0.9749, 0.6927
CMYK	0.20, 0.92, 0.00, 0.69
HSL	287°, 85%, 17%
HSV	287°, 92%, 31%
XYZ	3.4665, 1.7298, 7.4252
YIQ	30.9520, 10.2640, 34.2640

Conversions

Conversions Part 2

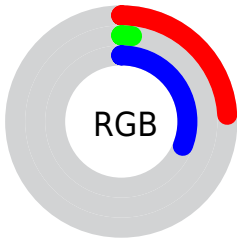
Format	Color
R_{YB}	62, 6, 78
Decimal	4064846
CIE _{Lab}	14.00, 36.50, -29.99
CIE _{LCh}	14, 47.241, 320.598
Yxy	1.7298, 0.2747, 0.1371
Android (android.graphics.Color)	4282254926 (0xFF3E064E)
YUV	30.9520, 23.1947, 27.2291
Hunter-Lab	13.1521, 24.0312, -24.2665




Details

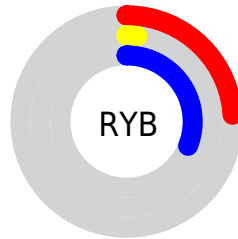
The CIELCh color **14, 47.241, 320.598** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **29, 46.386, 133.836**, and the grayscale version is **12, 0.003, 296.813**.




A 20% lighter version of the original color is **34, 47.317, 320.679**, and **1, 19.396, 293.565** is the 20% darker color. If you saturate the color by 10%, you get **13, 50.099, 320.607**, and if you desaturate by 10%, it is **15, 43.916, 320.667**.

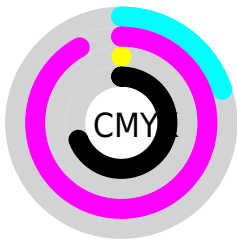
Distribution







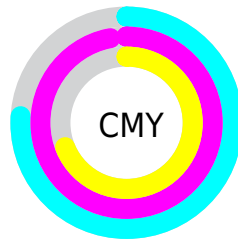
-  Red (24%)
-  Green (2%)
-  Blue (31%)






-  Red (24%)
-  Yellow (2%)
-  Blue (31%)



-  Cyan (20%)
-  Magenta (92%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (76%)
-  Magenta (97%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 47.241, 320.598 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, 47.241, 320.598 by changing the saturation by 10% instead.

 14, 47.241,
320.598

 14, 47.241,
320.598

 100, 47.241,
320.598

 4, 47.241, 320.598

 34, 47.241,
320.598

 0, 47.241, 320.598

 44, 47.241,
320.598


 54, 47.241,
320.598

 64, 47.241,
320.598


 74, 47.241,
320.598


 84, 47.241,


320.598

 94, 47.241,
320.598


 14, 47.241,
320.598


 14, 47.241,
320.598

 13, 50.099,
320.607

 15, 43.916,
320.667

 17, 39.813,
320.604

 19, 34.994,
320.413

 21, 29.681,
320.129

 23, 24.067,
319.783

■ 25, 18.302,
319.400

■ 28, 12.496,
318.999

■ 30, 6.725, 318.592

■ 33, 1.037, 318.115

Harmonies

Complementary

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



14, 47.241, 320.598



29, 46.386, 133.836

Rectangle

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



14, 47.241, 320.598



14, 47.241, 10.598



14, 47.241, 140.598



14, 47.241, 190.598

Sweetspot

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



14, 47.240, 320.598



34, 20.003, 319.288



11, 39.839, 296.429



15, 13.647, 319.384



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



14, 47.240, 320.598



19, 60.186, 320.349



16, 38.990, 340.091



14, 3.100, 318.459



46, 109.169, 319.826

Inverse Universe

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



15, 34.697, 19.359



20, 45.584, 24.256



28, 41.523, 143.148



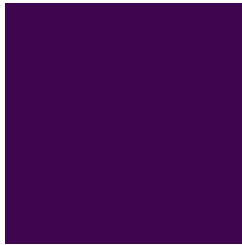
14, 1.995, 2.219



48, 85.184, 28.586

Previews

White Background



This preview shows how the CIELCh color 14, 47.241, 320.598 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, 47.241, 320.598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

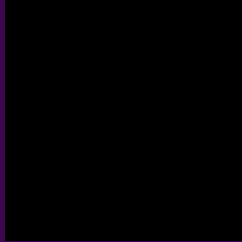
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 47.241, 320.598

Background



This preview shows how black text looks on a background with the CIELCh color 14, 47.241, 320.598.



This preview shows how white text looks on a background with the CIELCh color 14, 47.241, 320.598.

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, 47.241, 320.598

Protanopia

15, 29.368, 281.965

Deuteranopia

15, 22.491, 270.765



Tritanopia
15, 13.032, 17.000

Trichromacy



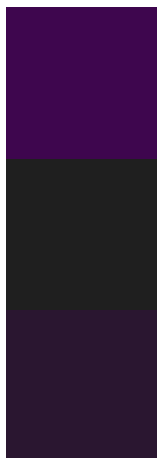
Original Color
14, 47.241, 320.598

Protanomaly
12, 37.067, 298.600

Deuteranomaly
12, 32.276, 296.859

Tritanomaly
14, 23.983, 336.217

Monochromacy



Original Color
14, 47.241, 320.598

Achromatopsia
12, 0.003, 296.813

Achromatomaly
11, 20.582, 319.784

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 47.241, 320.598 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(62, 6, 78)` looks like.

```
.text, #text, p{  
    color:rgb(62, 6, 78)  
}
```

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(62, 6, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 6, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 47.241, 320.598 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(62, 6, 78) }
```

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

```
.border{ border-color:rgb(62, 6, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 6, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 6, 78); -webkit-box-shadow:4px  
4px 4px 4px rgb(62, 6, 78); box-shadow:4px  
4px 4px 4px rgb(62, 6, 78) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 47.241, 320.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 6, 78) }
```

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

```
.background{ background-color: rgb(62, 6,  
78) }
```

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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