

Converting Colors

CIELCh(14, 44.429, 310.377)

Have a look what the booklet for
CIELCh(14, 44.429, 310.377)
contains.

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Color

CIELCh(14, 44.377, 310.346)

Conversions

Conversions Part 1

Format	Color
Hex	2F1454
RGB	47, 20, 84
RGB Percent	18%, 8%, 33%
CMY	0.8165, 0.9223, 0.6714
CMYK	0.44, 0.76, 0.00, 0.67
HSL	265°, 62%, 20%
HSV	265°, 76%, 33%
XYZ	3.0014, 1.7298, 8.5206
YIQ	35.3690, -4.4520, 25.6280

Conversions

Conversions Part 2

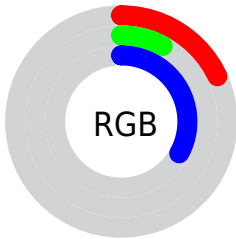
Format	Color
R_{YB}	47, 20, 84
Decimal	3085396
CIE _{Lab}	14.00, 28.73, -33.82
CIE _{LCh}	14, 44.377, 310.346
Yxy	1.7298, 0.2265, 0.1305
Android (android.graphics.Color)	4281275476 (0xFF2F1454)
YUV	35.3690, 23.9751, 10.2004
Hunter-Lab	13.1521, 17.7194, -29.2046




Details

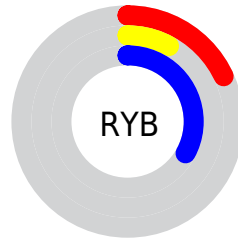
The CIELCh color **14, 44.377, 310.346** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **32, 38.912, 123.428**, and the grayscale version is **14, 0.003, 296.813**.




A 20% lighter version of the original color is **34, 44.267, 310.480**, and **1, 23.336, 292.374** is the 20% darker color. If you saturate the color by 10%, you get **12, 49.334, 310.639**, and if you desaturate by 10%, it is **16, 38.781, 309.876**.

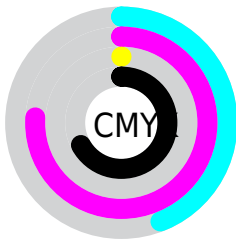
Distribution







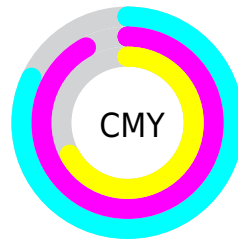
-  Red (18%)
-  Green (8%)
-  Blue (33%)






-  Red (18%)
-  Yellow (8%)
-  Blue (33%)



-  Cyan (44%)
-  Magenta (76%)
-  Yellow (0%)
-  Black (67%)




-  Cyan (82%)
-  Magenta (92%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 44.377, 310.346 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, 44.377, 310.346 by changing the saturation by 10% instead.

 14, 44.377,
310.346

 14, 44.377,
310.346


 100, 44.377,
310.346

 4, 44.377, 310.346

 34, 44.377,
310.346

 0, 44.377, 310.346

 44, 44.377,
310.346

 54, 44.377,
310.346

 64, 44.377,
310.346


 74, 44.377,
310.346


 84, 44.377,


310.346


 94, 44.377,
310.346


 14, 44.377,
310.346

 14, 44.377,
310.346


 12, 49.334,
310.639


 16, 38.781,
309.876


 10, 53.995,
310.938

 19, 32.860,
309.313

 9, 55.941, 311.172

 22, 26.827,
308.716

 25, 20.814,
308.125

 28, 14.898,
307.561

■ 31, 9.119, 307.036

■ 34, 3.496, 306.551

■ 37, 1.965, 126.161

■ 40, 7.262, 125.759

Harmonies

Complementary

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



14, 44.377, 310.346



32, 38.912, 123.428

Rectangle

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



14, 44.377, 310.346



14, 44.377, 0.346



14, 44.377, 130.346



14, 44.377, 180.346

Sweetspot

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



14, 44.377, 310.347



38, 16.176, 307.423



23, 20.209, 261.238



18, 11.322, 307.549



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



14, 44.377, 310.347



16, 63.810, 310.669



19, 44.275, 325.073



15, 3.015, 306.662



13, 65.469, 310.848



35, 118.344, 310.107

Inverse Universe

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



19, 33.969, 347.404



23, 45.574, 351.188



31, 44.549, 136.890



15, 2.601, 340.220



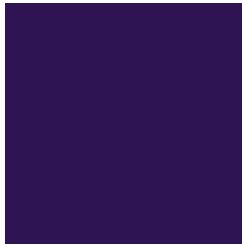
21, 45.376, 352.897



51, 80.457, 355.335

Previews

White Background



This preview shows how the CIELCh color 14, 44.377, 310.346 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, 44.377, 310.346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

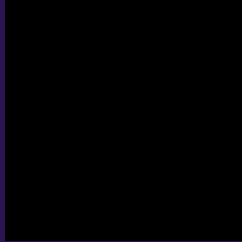
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 44.377, 310.346

Background



This preview shows how black text looks on a background with the CIELCh color 14, 44.377, 310.346.



This preview shows how white text looks on a background with the CIELCh color 14, 44.377, 310.346.

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, 44.377, 310.346

Protanopia

14, 28.137, 281.107

Deuteranopia

14, 20.736, 267.623



Tritanopia
15, 1.489, 271.944

Trichromacy



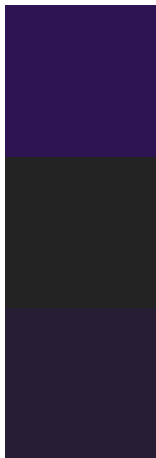
Original Color
14, 44.377, 310.346

Protanomaly
13, 34.144, 293.674

Deuteranomaly
13, 29.335, 290.681

Tritanomaly
14, 17.581, 306.859

Monochromacy



Original Color
14, 44.377, 310.346

Achromatopsia
14, 0.003, 296.813

Achromatomaly
13, 17.785, 308.283

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 44.377, 310.346 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(47, 20, 84)` looks like.

```
.text, #text, p{  
    color:rgb(47, 20, 84)  
}
```

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(47, 20, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 20, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 44.377, 310.346 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(47, 20, 84) }
```

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

```
.border{ border-color:rgb(47, 20, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 20, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 20, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 20, 84);  
box-shadow:4px 4px 4px 4px rgb(47, 20, 84)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 44.377, 310.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 20, 84) }
```

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

```
.background{ background-color: rgb(47, 20,  
84) }
```

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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