

Converting Colors

CIELCh(14, 24.931, 340.097)

Have a look what the booklet for
CIELCh(14, 24.931, 340.097)
contains.

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Color

CIELCh(14, 24.931, 340.097)

Conversions

Conversions Part 1

Format	Color
Hex	3D1530
RGB	61, 21, 48
RGB Percent	24%, 8%, 19%
CMY	0.7614, 0.9182, 0.8124
CMYK	0.00, 0.66, 0.21, 0.76
HSL	319°, 49%, 16%
HSV	319°, 66%, 24%
XYZ	2.7101, 1.7298, 2.9710
YIQ	36.0380, 15.1730, 16.8770

Conversions

Conversions Part 2

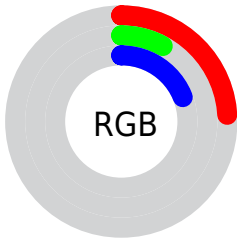
Format	Color
R_{YB}	61, 21, 48
Decimal	4003120
CIE Lab	14.00, 23.44, -8.49
CIE LCh	14, 24.931, 340.097
Yxy	1.7298, 0.3657, 0.2334
Android (android.graphics.Color)	4282193200 (0xFF3D1530)
YUV	36.0380, 5.8973, 21.8917
Hunter-Lab	13.1521, 13.7658, -4.1870




Details

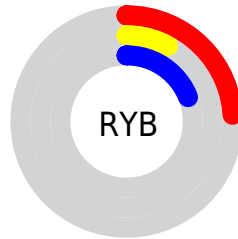
The CIELCh color **14, 24.931, 340.097** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **22, 24.783, 149.537**, and the grayscale version is **14, 0.003, 296.813**.




A 20% lighter version of the original color is **34, 25.023, 340.055**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **13, 27.814, 341.104**, and if you desaturate by 10%, it is **15, 21.587, 339.198**.

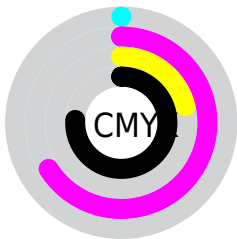
Distribution







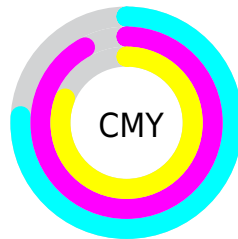
-  Red (24%)
-  Green (8%)
-  Blue (19%)






-  Red (24%)
-  Yellow (8%)
-  Blue (19%)



-  Cyan (0%)
-  Magenta (66%)
-  Yellow (21%)
-  Black (76%)





-  Cyan (76%)
-  Magenta (92%)
-  Yellow (81%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 24.931, 340.097 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, 24.931, 340.097 by changing the saturation by 10% instead.

 14, 24.931,
340.097

 14, 24.931,
340.097

 100, 24.931,
340.097


 4, 24.931, 340.097


 34, 24.931,
340.097

 0, 24.931, 340.097

 44, 24.931,
340.097


 54, 24.931,
340.097


 64, 24.931,
340.097


 74, 24.931,
340.097


 84, 24.931,


340.097


 94, 24.931,
340.097

 14, 24.931,
340.097


 14, 24.931,
340.097


 13, 27.814,
341.104


 15, 21.587,
339.198


 12, 30.117,
342.246

 17, 17.927,
338.380

 11, 32.430,
343.315

 19, 14.076,
337.623

 10, 33.522,
343.719

 21, 10.132,
336.916

 23, 6.166, 336.246

■ 25, 2.231, 335.581

■ 27, 1.641, 155.151

■ 29, 5.429, 154.531

■ 31, 9.121, 153.993

Harmonies

Complementary

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



14, 24.931, 340.097



22, 24.783, 149.537

Rectangle

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



14, 24.931, 340.097



14, 24.931, 30.097



14, 24.931, 160.097



14, 24.931, 210.097

Sweetspot

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



14, 24.930, 340.097



29, 9.780, 336.589



11, 29.368, 306.703



13, 6.737, 336.661



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



14, 24.930, 340.097



17, 35.049, 341.871



13, 21.014, 13.179



10, 2.176, 335.768



19, 44.483, 345.197



49, 81.642, 347.052

Inverse Universe

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



14, 24.930, 340.097



17, 35.049, 341.871



23, 16.159, 178.857



10, 2.176, 335.768



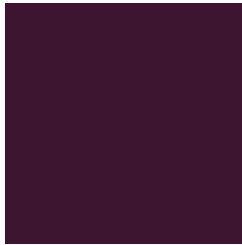
19, 44.483, 345.197



49, 81.642, 347.052

Previews

White Background



This preview shows how the CIE LCh color 14, 24.931, 340.097 looks on a white background.

Color Contrast Check

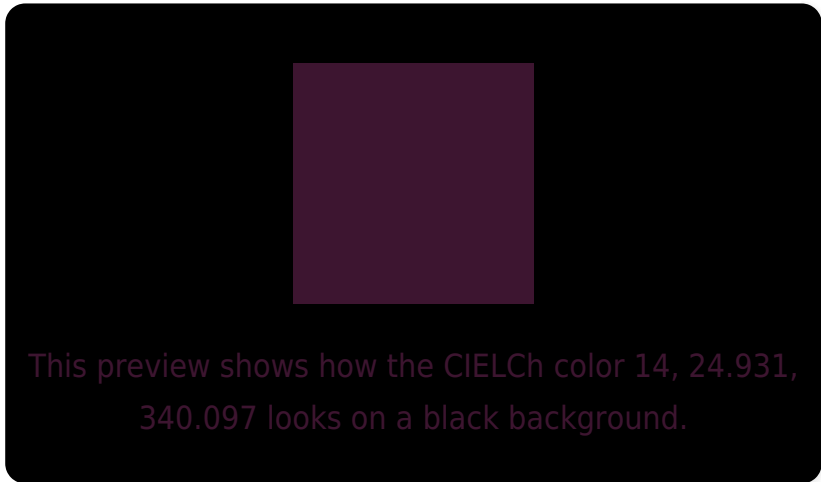
Large Text (above 18pt) WCAG AA ✓ Pass

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

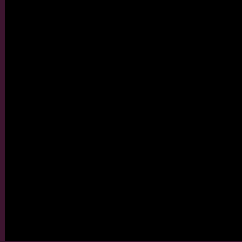
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 24.931, 340.097

Background



This preview shows how black text looks on a background with the CIELCh color 14, 24.931, 340.097.



This preview shows how white text looks on a background with the CIELCh color 14, 24.931, 340.097.

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, 24.931, 340.097

Protanopia

15, 17.119, 284.970

Deuteranopia

15, 7.102, 292.144



Tritanopia
14, 17.556, 20.351

Trichromacy



Original Color
14, 24.931, 340.097

Protanomaly
14, 19.072, 307.349

Deuteranomaly
14, 13.896, 322.618

Tritanomaly
14, 19.142, 2.666

Monochromacy



Original Color
14, 24.931, 340.097

Achromatopsia
14, 0.003, 296.813

Achromatomaly
13, 10.131, 337.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 24.931, 340.097 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(61, 21, 48)` looks like.

```
.text, #text, p{  
    color:rgb(61, 21, 48)  
}
```

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(61, 21, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 21, 48) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 24.931, 340.097 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(61, 21, 48) }
```

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

```
.border{ border-color:rgb(61, 21, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 21, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 21, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 21, 48);  
box-shadow:4px 4px 4px 4px rgb(61, 21, 48)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 24.931, 340.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 21, 48) }
```

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

```
.background{ background-color: rgb(61, 21,  
48) }
```

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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