

Converting Colors

CIELCh(14, 29.313, 332.547)

Have a look what the booklet for
CIELCh(14, 29.313, 332.547)
contains.

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Color

CIELCh(14, 29.225, 332.288)

Conversions

Conversions Part 1

Format	Color
Hex	3D1337
RGB	61, 19, 55
RGB Percent	24%, 7%, 22%
CMY	0.7610, 0.9257, 0.7845
CMYK	0.00, 0.69, 0.10, 0.76
HSL	309°, 53%, 16%
HSV	309°, 69%, 24%
XYZ	2.8416, 1.7298, 3.7923
YIQ	35.6620, 13.4760, 20.1000

Conversions

Conversions Part 2

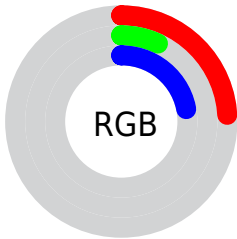
Format	Color
R_{YB}	61, 19, 55
Decimal	4002615
CIE _{Lab}	14.00, 25.87, -13.59
CIE _{LCh}	14, 29.225, 332.288
Yxy	1.7298, 0.3398, 0.2068
Android (android.graphics.Color)	4282192695 (0xFF3D1337)
YUV	35.6620, 9.5336, 22.2214
Hunter-Lab	13.1521, 15.5499, -7.8892

Details

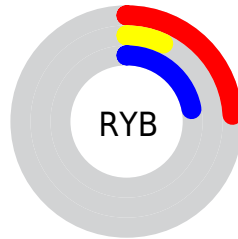
The CIELCh color **14, 29.225, 332.288** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **22, 29.650, 143.004**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 28.973, 332.222**, and **0, 3.226, 290.178** is the 20% darker color. If you saturate the color by 10%, you get **13, 32.261, 332.831**, and if you desaturate by 10%, it is **15, 25.633, 331.746**.

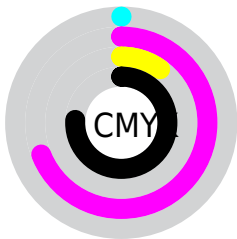
Distribution



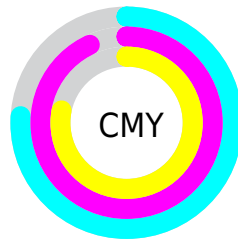
- Red (24%)
- Green (7%)
- Blue (22%)



- Red (24%)
- Yellow (7%)
- Blue (22%)



- Cyan (0%)
- Magenta (69%)
- Yellow (10%)
- Black (76%)



- Cyan (76%)
- Magenta (93%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 29.225, 332.288 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, 29.225, 332.288 by changing the saturation by 10% instead.

 14, 29.225,
332.288

 14, 29.225,
332.288

 100, 29.225,
332.288

 4, 29.225, 332.288

 34, 29.225,
332.288

 0, 29.225, 332.288

 44, 29.225,
332.288

 54, 29.225,
332.288

 64, 29.225,
332.288

 74, 29.225,
332.288


 84, 29.225,


332.288


 94, 29.225,
332.288


 14, 29.225,
332.288


 14, 29.225,
332.288


 13, 32.261,
332.831


 15, 25.633,
331.746


 12, 34.751,
333.370

 17, 21.635,
331.201

 11, 37.399,
333.870

 18, 17.366,
330.657

 11, 37.707,
333.922

 20, 12.942,
330.114

 22, 8.452, 329.575

■ 24, 3.963, 329.034

■ 26, 0.479, 148.821

■ 28, 4.843, 148.087

■ 30, 9.111, 147.598

Harmonies

Complementary

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



14, 29.225, 332.288



22, 29.650, 143.004

Rectangle

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



14, 29.225, 332.288



14, 29.225, 22.288



14, 29.225, 152.288



14, 29.225, 202.288

Sweetspot

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



14, 29.224, 332.288



29, 11.671, 329.738



9, 30.981, 302.395



13, 7.973, 329.789



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, 29.224, 332.288



17, 40.611, 333.258



13, 22.387, 359.932



10, 2.478, 329.008



20, 50.287, 334.387



51, 92.908, 334.963

Inverse Universe

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



14, 29.224, 332.288



17, 40.611, 333.258



23, 19.720, 164.602



10, 2.478, 329.008



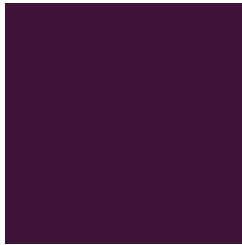
20, 50.287, 334.387



51, 92.908, 334.963

Previews

White Background



This preview shows how the CIE LCh color 14, 29.225, 332.288 looks on a white background.

Color Contrast Check

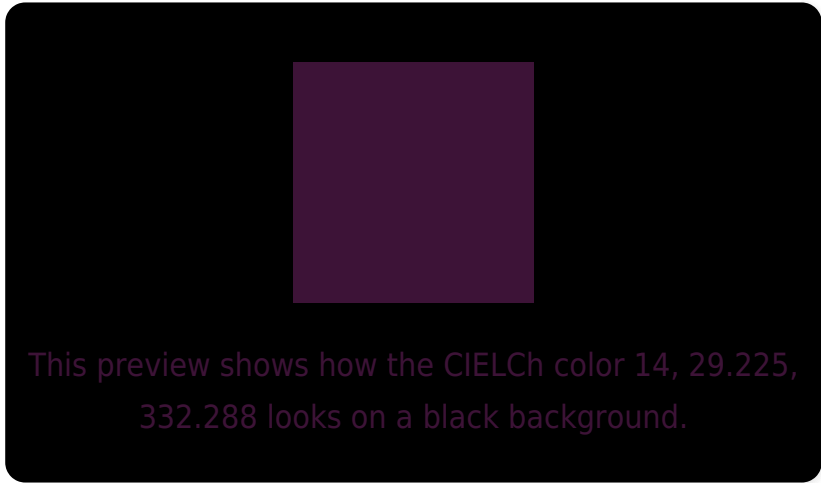
Large Text (above 18pt) WCAG AA ✓ Pass

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

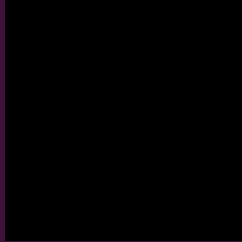
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 29.225, 332.288

Background



This preview shows how black text looks on a background with the CIELCh color 14, 29.225, 332.288.



This preview shows how white text looks on a background with the CIELCh color 14, 29.225, 332.288.

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, 29.225, 332.288

Protanopia

15, 24.249, 284.555

Deuteranopia

15, 10.809, 280.009



Tritanopia
14, 16.435, 19.592

Trichromacy



Original Color
14, 29.225, 332.288

Protanomaly
14, 25.041, 299.983

Deuteranomaly
14, 17.236, 311.590

Tritanomaly
14, 19.214, 355.749

Monochromacy



Original Color
14, 29.225, 332.288

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 11.631, 329.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 29.225, 332.288 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, 19, 55)` looks like.

```
.text, #text, p{  
    color:rgb(61, 19, 55)  
}
```

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, 19, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 19, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 29.225, 332.288 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, 19, 55) }
```

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

```
.border{ border-color:rgb(61, 19, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 19, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 19, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 19, 55);  
box-shadow:4px 4px 4px 4px rgb(61, 19, 55)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 29.225, 332.288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 19, 55) }
```

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

```
.background{ background-color: rgb(61, 19,  
55) }
```

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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