

Converting Colors

CIELCh(14, 32.249, 322.974)

Have a look what the booklet for
CIELCh(14, 32.249, 322.974)
contains.

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Color

CIELCh(14, 32.228, 323.080)

Conversions

Conversions Part 1

Format	Color
Hex	39143F
RGB	57, 20, 63
RGB Percent	22%, 8%, 25%
CMY	0.7764, 0.9215, 0.7529
CMYK	0.10, 0.68, 0.00, 0.75
HSL	292°, 52%, 16%
HSV	292°, 68%, 25%
XYZ	2.8357, 1.7298, 4.8885
YIQ	35.9650, 8.2490, 21.2170

Conversions

Conversions Part 2

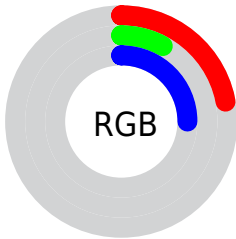
Format	Color
R _Y B	57, 20, 63
Decimal	3740735
CIE Lab	14.00, 25.77, -19.36
CIE LCh	14, 32.228, 323.080
Yxy	1.7298, 0.2999, 0.1830
Android (android.graphics.Color)	4281930815 (0xFF39143F)
YUV	35.9650, 13.3283, 18.4477
Hunter-Lab	13.1521, 15.4699, -12.8310

Details

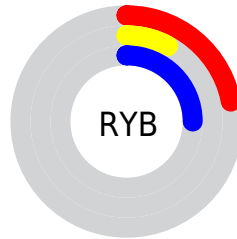
The CIELCh color **14, 32.228, 323.080** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **23, 31.951, 136.627**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 32.518, 323.312**, and **1, 8.250, 288.252** is the 20% darker color. If you saturate the color by 10%, you get **13, 35.907, 323.252**, and if you desaturate by 10%, it is **16, 28.029, 322.820**.

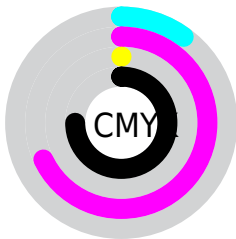
Distribution



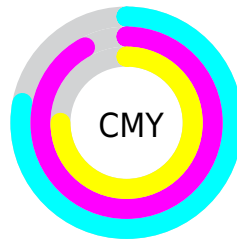
- Red (22%)
- Green (8%)
- Blue (25%)



- Red (22%)
- Yellow (8%)
- Blue (25%)



- Cyan (10%)
- Magenta (68%)
- Yellow (0%)
- Black (75%)



- Cyan (78%)
- Magenta (92%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 32.228, 323.080 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, 32.228, 323.080 by changing the saturation by 10% instead.

■ 14, 32.228,
323.080

■ 14, 32.228,
323.080

■ 100, 32.228,
323.080

■ 4, 32.228, 323.080

■ 34, 32.228,
323.080

■ 0, 32.228, 323.080

■ 44, 32.228,
323.080

■ 54, 32.228,
323.080


■ 64, 32.228,
323.080


■ 74, 32.228,
323.080


■ 84, 32.228,


323.080


 94, 32.228,
323.080

 14, 32.228,
323.080


 14, 32.228,
323.080


 13, 35.907,
323.252


 16, 28.029,
322.820


 12, 39.002,
323.332

 17, 23.471,
322.495

 10, 42.266,
323.467

 19, 18.691,
322.126

 10, 42.882,
323.501

 21, 13.800,
321.730

 23, 8.879, 321.319

■ 25, 3.987, 320.896

■ 27, 0.838, 140.637

■ 29, 5.570, 140.147

■ 31, 10.194,
139.765

Harmonies

Complementary

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



14, 32.228, 323.080



23, 31.951, 136.627

Rectangle

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



14, 32.228, 323.080



14, 32.228, 13.080



14, 32.228, 143.080



14, 32.228, 193.080

Sweetspot

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



14, 32.227, 323.080



30, 12.089, 321.428



11, 26.577, 293.639



13, 8.111, 321.468



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, 32.227, 323.080



17, 45.382, 323.309



14, 26.027, 341.701



10, 2.620, 320.903



18, 56.395, 323.207



47, 105.189, 322.819

Inverse Universe

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



13, 22.627, 17.233



16, 33.574, 22.360



23, 25.822, 150.148



10, 1.601, 8.512



18, 44.680, 28.996



46, 87.651, 34.229

Previews

White Background



This preview shows how the CIE LCh color 14, 32.228, 323.080 looks on a white background.

Color Contrast Check

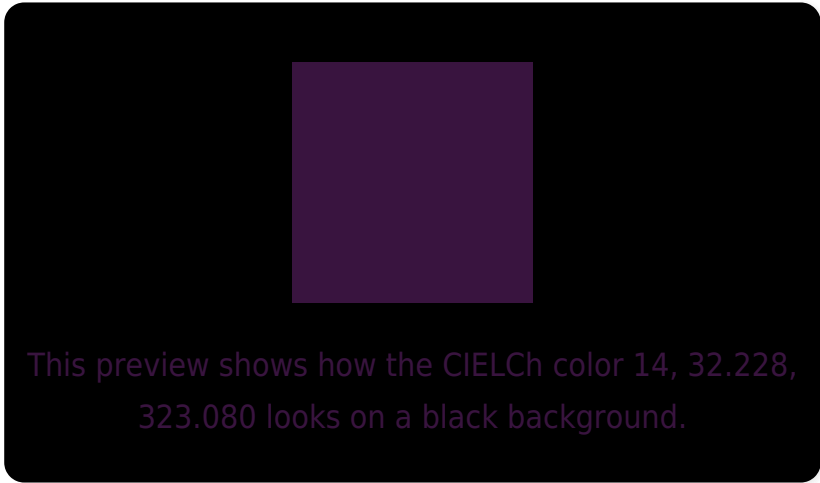
Large Text (above 18pt) WCAG AA ✓ Pass

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, 32.228, 323.080

Background



This preview shows how black text looks on a background with the CIELCh color 14, 32.228, 323.080.



This preview shows how white text looks on a background with the CIELCh color 14, 32.228, 323.080.

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, 32.228, 323.080

Protanopia

14, 28.836, 282.392

Deuteranopia

15, 16.813, 276.674



Tritanopia
14, 12.040, 16.228

Trichromacy



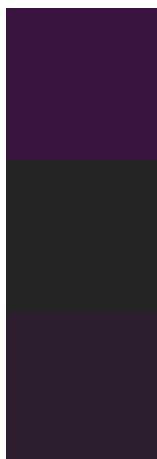
Original Color
14, 32.228, 323.080

Protanomaly
13, 29.322, 293.051

Deuteranomaly
14, 21.506, 299.868

Tritanomaly
14, 17.524, 342.146

Monochromacy



Original Color
14, 32.228, 323.080

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 13.098, 322.340

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 32.228, 323.080 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(57, 20, 63)` looks like.

```
.text, #text, p{  
    color:rgb(57, 20, 63)  
}
```

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(57, 20, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 20, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 32.228, 323.080 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(57, 20, 63) }
```

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

```
.border{ border-color:rgb(57, 20, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 20, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 20, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 20, 63);  
box-shadow:4px 4px 4px 4px rgb(57, 20, 63)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 14, 32.228, 323.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 20, 63) }
```

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

```
.background{ background-color: rgb(57, 20,  
63) }
```

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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