

Converting Colors

CIELCh(14, 32.391, 353.298)

Have a look what the booklet for
CIELCh(14, 32.391, 353.298)
contains.

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Color

CIELCh(14, 32.300, 352.690)

Conversions

Conversions Part 1

Format	Color
Hex	48082A
RGB	72, 8, 42
RGB Percent	28%, 3%, 16%
CMY	0.7170, 0.9679, 0.8348
CMYK	0.00, 0.89, 0.42, 0.72
HSL	328°, 80%, 16%
HSV	328°, 89%, 28%
XYZ	3.1939, 1.7298, 2.3690
YIQ	31.0120, 27.2300, 24.1420

Conversions

Conversions Part 2

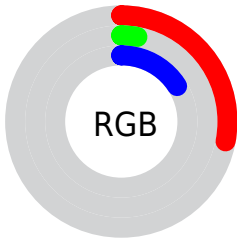
Format	Color
RYB	72, 8, 42
Decimal	4720682
CIELab	14.00, 32.04, -4.11
CIELCh	14, 32.300, 352.690
Yxy	1.7298, 0.4380, 0.2372
Android (android.graphics.Color)	4282910762 (0xFF48082A)
YUV	31.0120, 5.4171, 35.9465
Hunter-Lab	13.1521, 20.3310, -1.4730




Details

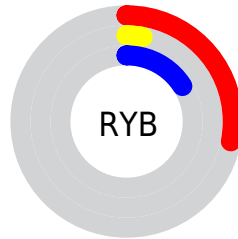
The CIELCh color **14, 32.300, 352.690** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **26, 31.978, 151.941**, and the grayscale version is **12, 0.003, 296.813**.




A 20% lighter version of the original color is **34, 32.426, 353.062**, and **1, 4.364, 19.405** is the 20% darker color. If you saturate the color by 10%, you get **13, 34.502, 354.647**, and if you desaturate by 10%, it is **15, 30.122, 350.638**.

Distribution







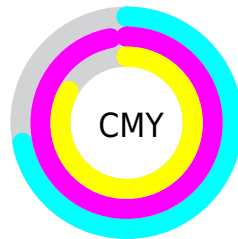
-  Red (28%)
-  Green (3%)
-  Blue (16%)






-  Red (28%)
-  Yellow (3%)
-  Blue (16%)



-  Cyan (0%)
-  Magenta (89%)
-  Yellow (42%)
-  Black (72%)





-  Cyan (72%)
-  Magenta (97%)
-  Yellow (83%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 32.300, 352.690 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, 32.300, 352.690 by changing the saturation by 10% instead.

 14, 32.300,
352.690

 14, 32.300,
352.690

 100, 32.300,
352.690


 4, 32.300, 352.690


 34, 32.300,
352.690

 0, 32.300, 352.690

 44, 32.300,
352.690

 54, 32.300,
352.690


 64, 32.300,
352.690


 74, 32.300,
352.690


 84, 32.300,


352.690


 94, 32.300,
352.690


 14, 32.300,
352.690


 14, 32.300,
352.690


 13, 34.502,
354.647


 15, 30.122,
350.638

 13, 34.826,
354.887

 17, 27.262,
348.932

 18, 23.841,
347.504

 20, 20.030,
346.283

 22, 15.985,
345.216

■ 24, 11.829,
344.267

■ 26, 7.653, 343.407

■ 29, 3.518, 342.602

■ 31, 0.536, 162.300

Harmonies

Complementary

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



14, 32.300, 352.690



26, 31.978, 151.941

Rectangle

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



14, 32.300, 352.690



14, 32.300, 42.690



14, 32.300, 172.690



14, 32.300, 222.690

Sweetspot

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



14, 32.298, 352.691



32, 13.916, 344.215



9, 44.538, 311.751



15, 9.462, 344.356



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



14, 32.298, 352.691



18, 41.575, 356.391



13, 33.546, 28.811



13, 2.244, 342.596



20, 43.091, 356.657



49, 77.977, 359.696

Inverse Universe

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



14, 32.298, 352.691



18, 41.575, 356.391



27, 19.564, 192.328



13, 2.244, 342.596



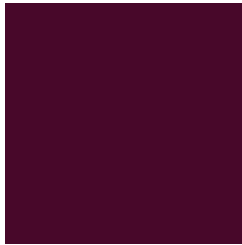
20, 43.091, 356.657



49, 77.977, 359.696

Previews

White Background



This preview shows how the CIELCh color 14, 32.300, 352.690 looks on a white background.

Color Contrast Check

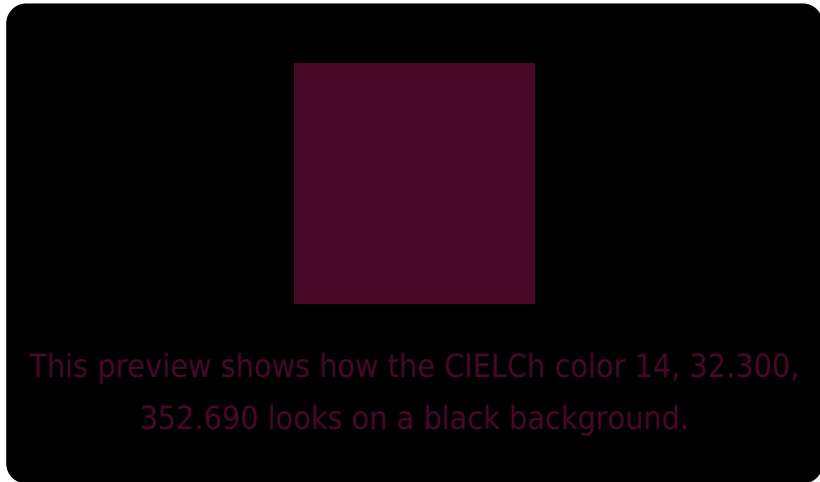
Large Text (above 18pt) WCAG AA ✓ Pass

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

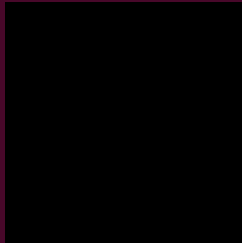
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 14, 32.300, 352.690

Background



This preview shows how black text looks on a background with the CIELCh color 14, 32.300, 352.690.



This preview shows how white text looks on a background with the CIELCh color 14, 32.300, 352.690.

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, 32.300, 352.690

Protanopia

15, 14.910, 283.798

Deuteranopia

15, 2.826, 350.226



Tritanopia
15, 28.640, 27.875

Trichromacy



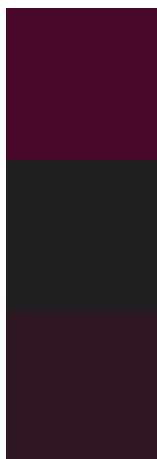
Original Color
14, 32.300, 352.690

Protanomaly
13, 20.164, 318.458

Deuteranomaly
14, 15.355, 347.809

Tritanomaly
14, 28.687, 14.233

Monochromacy



Original Color
14, 32.300, 352.690

Achromatopsia
12, 0.003, 296.813

Achromatomaly
11, 14.062, 346.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 32.300, 352.690 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(72, 8, 42)` looks like.

```
.text, #text, p{  
    color:rgb(72, 8, 42)  
}
```

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(72, 8, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 8, 42) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 32.300, 352.690 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(72, 8, 42) }
```

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

```
.border{ border-color:rgb(72, 8, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 8, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 8, 42); -webkit-box-shadow:4px  
4px 4px 4px rgb(72, 8, 42); box-shadow:4px  
4px 4px 4px rgb(72, 8, 42) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 32.300, 352.690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 8, 42) }
```

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

```
.background{ background-color: rgb(72, 8,  
42) }
```

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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