

Converting Colors

CIELCh(28, 58.824, 43.482)

Have a look what the booklet for
CIELCh(28, 58.824, 43.482) contains.

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Color

CIELCh(28, 58.824, 43.482)

Conversions

Conversions Part 1

Format	Color
Hex	821A00
RGB	130, 26, 0
RGB Percent	51%, 10%, 0%
CMY	0.4910, 0.8989, 1.0000
CMYK	0.00, 0.80, 1.00, 0.49
HSL	12°, 100%, 25%
HSV	12°, 100%, 51%
XYZ	9.5364, 5.4574, 0.5451
YIQ	54.1320, 70.3300, 13.9620

Conversions

Conversions Part 2

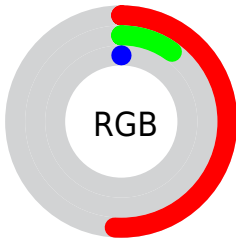
Format	Color
RYB	130, 33, 0
Decimal	8526336
CIELab	28.00, 42.68, 40.48
CIElCh	28, 58.824, 43.482
Yxy	5.4574, 0.6137, 0.3512
Android (android.graphics.Color)	4286716416 (0xFF821A00)
YUV	54.1320, -26.6871, 66.5362
Hunter-Lab	23.3610, 31.9853, 14.9691

Details

The CIELCh color **28, 58.824, 43.482** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **40, 26.537, 234.019**, and the grayscale version is **23, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 58.679, 43.828**, and **12, 36.694, 29.688** is the 20% darker color. If you saturate the color by 10%, you get **28, 58.771, 43.426**, and if you desaturate by 10%, it is **29, 53.252, 42.864**.

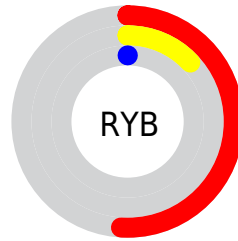
Distribution



Red (51%)

Green (10%)

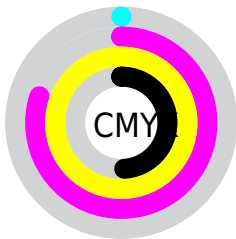
Blue (0%)



Red (51%)

Yellow (13%)

Blue (0%)

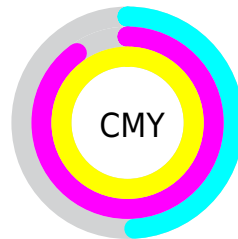


Cyan (0%)

Magenta (80%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (90%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 28, 58.824, 43.482 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 28, 58.824, 43.482 by changing the saturation by 10% instead.

 28, 58.824, 43.482

 28, 58.824, 43.482

 100, 58.824,
43.482

 18, 58.824, 43.482

 48, 58.824, 43.482

 8, 58.824, 43.482

 58, 58.824, 43.482

 0, 58.824, 43.482


 68, 58.824, 43.482

 78, 58.824, 43.482

 88, 58.824, 43.482

 98, 58.824, 43.482

 28, 58.824, 43.482

 28, 58.824, 43.482

■ 28, 58.771, 43.426

■ 29, 53.252, 42.864

■ 31, 46.712, 41.991

■ 34, 39.819, 41.035

■ 36, 33.019, 40.230

■ 39, 26.515, 39.642

■ 42, 20.396, 39.266

■ 45, 14.696, 39.073

■ 48, 9.411, 39.024

■ 51, 4.522, 39.064

Harmonies

Complementary

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



28, 58.824, 43.482



40, 26.537, 234.019

Rectangle

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



28, 58.824, 43.482



28, 58.824, 93.482



28, 58.824, 223.482



28, 58.824, 273.482

Sweetspot

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



28, 58.771, 43.426



57, 18.224, 39.082



29, 60.956, 336.847



28, 12.551, 39.134



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



28, 58.771, 43.426



37, 72.567, 43.631



41, 50.135, 78.080



25, 2.503, 39.068



27, 57.886, 43.369



0, 0.000, 0.000

Inverse Universe

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



40, 26.537, 234.019



52, 32.145, 234.981



21, 58.969, 296.423



26, 2.371, 219.664



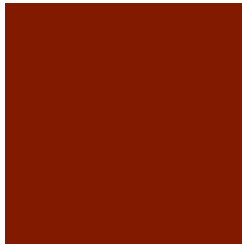
40, 26.196, 233.945



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 28, 58.824, 43.482 looks on a white background.

Color Contrast Check

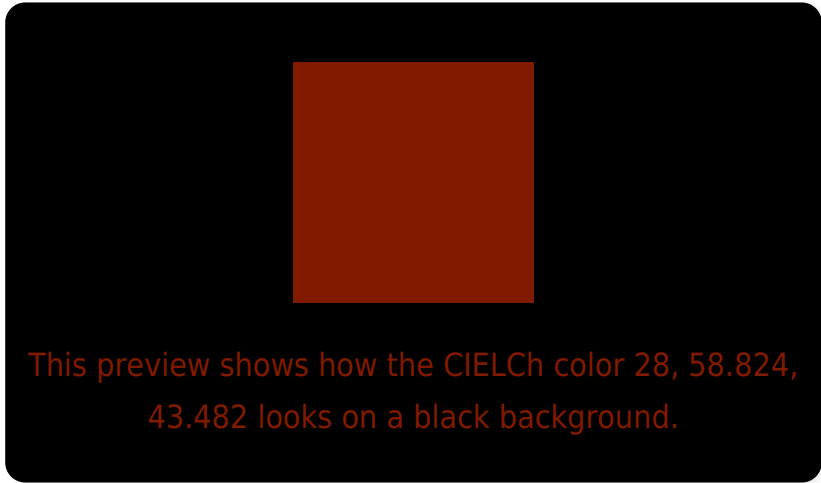
Large Text (above 18pt) WCAG AA ✓ Pass

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

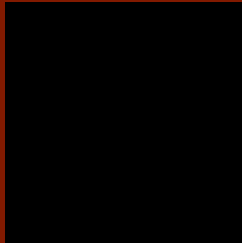
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 58.824, 43.482

Background



This preview shows how black text looks on a background with the CIELCh color 28, 58.824, 43.482.



This preview shows how white text looks on a background with the CIELCh color 28, 58.824, 43.482.

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

28, 58.824, 43.482

Protanopia

29, 31.327, 95.329

Deuteranopia

29, 38.181, 85.577



Tritanopia
28, 52.584, 33.411

Trichromacy



Original Color
28, 58.824, 43.482

Protanomaly
27, 36.565, 64.264

Deuteranomaly
27, 42.520, 62.501

Tritanomaly
28, 55.092, 38.177

Monochromacy



Original Color
28, 58.824, 43.482

Achromatopsia
23, 0.004, 296.813

Achromatomaly
23, 21.578, 40.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 58.824, 43.482 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(130, 26, 0)` looks like.

```
.text, #text, p{  
    color:rgb(130, 26, 0)  
}
```

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(130, 26, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 26, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 58.824, 43.482 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(130, 26, 0) }
```

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

```
.border{ border-color:rgb(130, 26, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 26, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 26, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 26, 0);  
box-shadow:4px 4px 4px 4px rgb(130, 26, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 58.824, 43.482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 26, 0) }
```

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

```
.background{ background-color: rgb(130, 26,  
0) }
```

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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