

Converting Colors

CIELCh(28, 55.974, 45.044)

Have a look what the booklet for
CIELCh(28, 55.974, 45.044) contains.

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Color

CIELCh(28, 55.948, 45.032)

Conversions

Conversions Part 1

Format	Color
Hex	7E1F01
RGB	126, 31, 1
RGB Percent	49%, 12%, 0%
CMY	0.5047, 0.8773, 0.9950
CMYK	0.00, 0.75, 0.99, 0.50
HSL	14°, 98%, 25%
HSV	14°, 99%, 50%
XYZ	9.1546, 5.4574, 0.6077
YIQ	55.9850, 66.2500, 10.8100

Conversions

Conversions Part 2

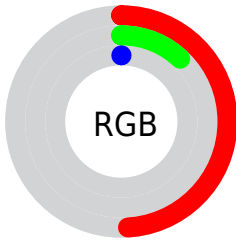
Format	Color
RYB	126, 40, 1
Decimal	8265473
CIELab	28.00, 39.54, 39.58
CIELCh	28, 55.948, 45.032
Yxy	5.4574, 0.6015, 0.3586
Android (android.graphics.Color)	4286455553 (0xFF7E1F01)
YUV	55.9850, -27.1076, 61.4032
Hunter-Lab	23.3610, 29.0679, 14.8103

Details

The CIELCh color **28, 55.948, 45.032** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **38, 26.591, 242.203**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 56.228, 44.828**, and **11, 35.320, 28.720** is the 20% darker color. If you saturate the color by 10%, you get **28, 56.479, 45.071**, and if you desaturate by 10%, it is **30, 50.407, 44.924**.

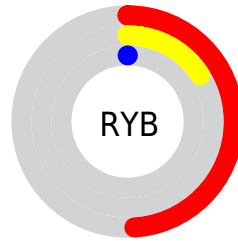
Distribution



Red (49%)

Green (12%)

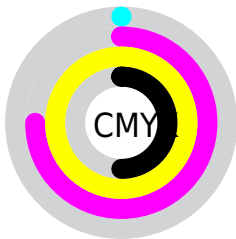
Blue (0%)



Red (49%)

Yellow (16%)

Blue (0%)

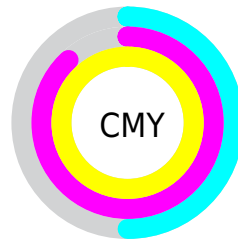


Cyan (0%)

Magenta (75%)

Yellow (99%)

Black (50%)



Cyan (50%)

Magenta (88%)

Yellow (100%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 28, 55.948, 45.032 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, 55.948, 45.032 by changing the saturation by 10% instead.

 28, 55.948, 45.032

 28, 55.948, 45.032

 100, 55.948,
45.032

 18, 55.948, 45.032

 48, 55.948, 45.032

 8, 55.948, 45.032

 58, 55.948, 45.032

 0, 55.948, 45.032

 68, 55.948, 45.032

 78, 55.948, 45.032

 88, 55.948, 45.032

 98, 55.948, 45.032

 28, 55.948, 45.032

 28, 55.948, 45.032

28, 56.479, 45.071

30, 50.407, 44.924

31, 44.025, 44.512

34, 37.395, 44.004

36, 30.903, 43.600

39, 24.722, 43.362

41, 18.922, 43.291

44, 13.523, 43.364

47, 8.516, 43.550

50, 3.877, 43.795

Harmonies

Complementary

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



28, 55.948, 45.032



38, 26.591, 242.203

Rectangle

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



28, 55.948, 45.032



28, 55.948, 95.032



28, 55.948, 225.032



28, 55.948, 275.032

Sweetspot

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



28, 55.946, 45.034



56, 17.378, 43.342



28, 57.536, 339.665



27, 11.958, 43.310



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



28, 55.946, 45.034



37, 69.564, 45.136



42, 49.380, 82.819



25, 2.452, 43.792



28, 56.933, 45.093



0, 0.000, 0.000

Inverse Universe

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



38, 26.591, 242.203



48, 32.353, 243.710



19, 61.403, 298.578



26, 2.329, 224.731



38, 26.894, 242.619



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 28, 55.948, 45.032 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



This preview shows how the CIELCh color 28, 55.948, 45.032 looks on a 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, 55.948, 45.032

Background



This preview shows how black text looks on a background with the CIELCh color 28, 55.948, 45.032.



This preview shows how white text looks on a background with the CIELCh color 28, 55.948, 45.032.

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, 55.948, 45.032

Protanopia

29, 31.679, 96.306

Deuteranopia

28, 37.995, 84.603



Tritanopia
28, 48.490, 31.218

Trichromacy



Original Color
28, 55.948, 45.032

Protanomaly
27, 35.732, 67.519

Deuteranomaly
27, 42.045, 63.801

Tritanomaly
28, 51.261, 37.423

Monochromacy



Original Color
28, 55.948, 45.032

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 20.162, 43.356

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 55.948, 45.032 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(126, 31, 1)` looks like.

```
.text, #text, p{  
    color:rgb(126, 31, 1)  
}
```

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(126, 31, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 31, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 55.948, 45.032 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(126, 31, 1) }
```

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

```
.border{ border-color:rgb(126, 31, 1) }
```

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

Here you see how a box with a 4 pixel rgb(126, 31, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 31, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 31, 1);  
box-shadow:4px 4px 4px 4px rgb(126, 31, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 55.948, 45.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 31, 1) }
```

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

```
.background{ background-color: rgb(126, 31,  
1) }
```

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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