

Converting Colors

CIELCh(28, 15.953, 122.952)

Have a look what the booklet for
CIELCh(28, 15.953, 122.952)
contains.

CIELCh(28, 15.886, 122.979)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(28, 15.886, 122.979)

Conversions

Conversions Part 1

Format	Color
Hex	3C452D
RGB	60, 69, 45
RGB Percent	24%, 27%, 18%
CMY	0.7635, 0.7282, 0.8224
CMYK	0.13, 0.00, 0.35, 0.73
HSL	82°, 21%, 22%
HSV	82°, 35%, 27%
XYZ	4.5094, 5.4574, 3.3286
YIQ	63.5730, 2.3400, -9.3720

Conversions

Conversions Part 2

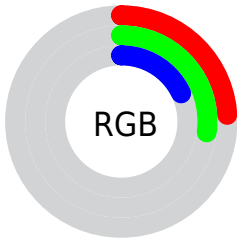
Format	Color
RYB	45, 69, 54
Decimal	3949869
CIELab	28.00, -8.65, 13.33
CIElCh	28, 15.886, 122.979
Yxy	5.4574, 0.3392, 0.4105
Android (android.graphics.Color)	4282139949 (0xFF3C452D)
YUV	63.5730, -9.1565, -3.1335
Hunter-Lab	23.3610, -6.4256, 7.9049

Details

The CIELCh color **28, 15.886, 122.979** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **21, 16.791, 306.408**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 15.679, 122.386**, and **8, 14.203, 124.388** is the 20% darker color. If you saturate the color by 10%, you get **28, 20.344, 122.525**, and if you desaturate by 10%, it is **28, 11.341, 123.454**.

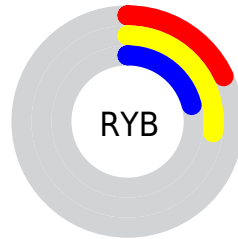
Distribution



Red (24%)

Green (27%)

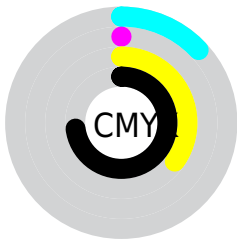
Blue (18%)



Red (18%)

Yellow (27%)

Blue (21%)

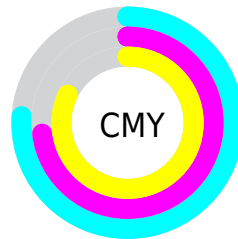


Cyan (13%)

Magenta (0%)

Yellow (35%)

Black (73%)



Cyan (76%)


Magenta (73%)


Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 15.886, 122.979 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, 15.886, 122.979 by changing the saturation by 10% instead.

 28, 15.886,
122.979


 28, 15.886,
122.979

 100, 15.886,
122.979


 18, 15.886,
122.979


 48, 15.886,
122.979


 8, 15.886, 122.979

 58, 15.886,
122.979

 0, 15.886, 122.979

 68, 15.886,
122.979

 78, 15.886,
122.979

 88, 15.886,
122.979

 98, 15.886,

122.979

■ 28, 15.886,
122.979

■ 28, 15.886,
122.979

■ 28, 20.344,
122.525

■ 28, 11.341,
123.454

■ 27, 24.652,
122.113

■ 29, 6.748, 123.927

■ 27, 28.727,
121.785

■ 29, 2.138, 124.395

■ 30, 2.466, 304.802

■ 27, 32.453,
121.598

■ 30, 7.050, 305.223

■ 27, 35.684,
121.626

■ 31, 11.600,
305.611

■ 26, 38.659,
121.707

■ 31, 16.107,
305.971

■ 26, 40.280,
121.719

■ 32, 20.566,
306.303

■ 32, 24.971,
306.610

Harmonies

Complementary

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



28, 15.886, 122.979



21, 16.791, 306.408

Rectangle

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



28, 15.886, 122.979



28, 15.886, 172.979



28, 15.886, 302.979



28, 15.886, 352.979

Sweetspot

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



28, 15.887, 122.981



37, 5.681, 124.126



24, 9.655, 57.106



19, 3.909, 124.095



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



28, 15.887, 122.981



36, 23.623, 122.570



27, 18.218, 138.990



14, 2.629, 124.208



38, 52.109, 122.363



82, 96.009, 123.509

Inverse Universe

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



21, 16.791, 306.408



25, 25.389, 306.975



22, 18.374, 322.196



13, 2.668, 304.974



11, 63.745, 310.058



33, 117.467, 309.298

Previews

White Background



This preview shows how the CIELCh color 28, 15.886, 122.979 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, 15.886, 122.979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

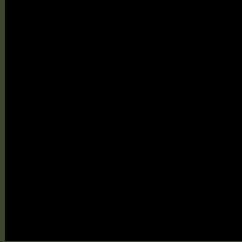
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 15.886, 122.979

Background



This preview shows how black text looks on a background with the CIELCh color 28, 15.886, 122.979.

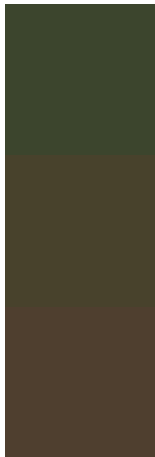


This preview shows how white text looks on a background with the CIELCh color 28, 15.886, 122.979.

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

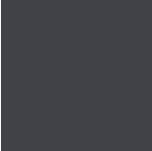
28, 15.886, 122.979

Protanopia

28, 14.403, 95.402

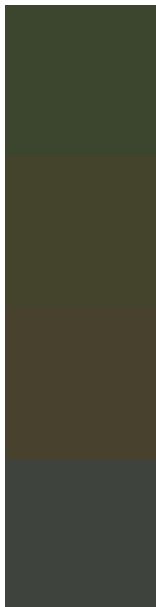
Deuteranopia

28, 13.171, 70.850



Tritanopia
28, 3.336, 275.885

Trichromacy



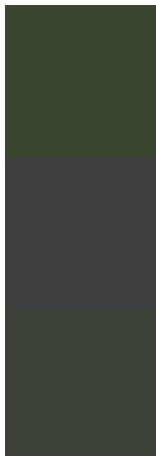
Original Color
28, 15.886, 122.979

Protanomaly
28, 14.678, 105.332

Deuteranomaly
28, 12.712, 91.917

Tritanomaly
28, 3.713, 138.540

Monochromacy



Original Color
28, 15.886, 122.979

Achromatopsia
27, 0.004, 296.813

Achromatomaly
27, 5.984, 122.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 15.886, 122.979 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(60, 69, 45)` looks like.

```
.text, #text, p{  
    color:rgb(60, 69, 45)  
}
```

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(60, 69, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 69, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 15.886, 122.979 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(60, 69, 45) }
```

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

```
.border{ border-color:rgb(60, 69, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 69, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 69, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 69, 45);  
box-shadow:4px 4px 4px 4px rgb(60, 69, 45)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 15.886, 122.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 69, 45) }
```

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

```
.background{ background-color: rgb(60, 69,  
45) }
```

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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