

Converting Colors

CIELCh(26, 14.689, 22.252)

Have a look what the booklet for
CIELCh(26, 14.689, 22.252) contains.

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Color

CIELCh(26, 14.538, 22.242)

Conversions

Conversions Part 1

Format	Color
Hex	543636
RGB	84, 54, 54
RGB Percent	33%, 21%, 21%
CMY	0.6718, 0.7893, 0.7893
CMYK	0.00, 0.36, 0.36, 0.67
HSL	360°, 22%, 27%
HSV	360°, 36%, 33%
XYZ	5.5940, 4.7465, 4.0772
YIQ	62.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

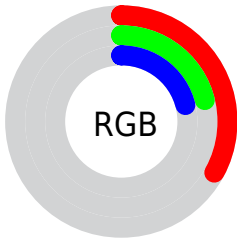
Format	Color
RYB	84, 54, 54
Decimal	5518902
CIELab	26.00, 13.46, 5.50
CIELCh	26, 14.538, 22.242
Yxy	4.7465, 0.3880, 0.3292
Android (android.graphics.Color)	4283708982 (0xFF543636)
YUV	62.9700, -4.4222, 18.4433
Hunter-Lab	21.7865, 7.7065, 4.1548




Details

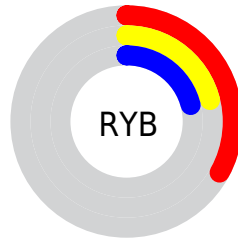
The CIELCh color **26, 14.538, 22.242** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **33, 11.599, 197.803**, and the grayscale version is **27, 0.004, 296.813**.




A 20% lighter version of the original color is **46, 14.689, 21.264**, and **6, 14.406, 21.390** is the 20% darker color. If you saturate the color by 10%, you get **24, 19.192, 23.604**, and if you desaturate by 10%, it is **29, 10.125, 21.180**.

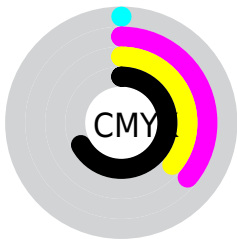
Distribution







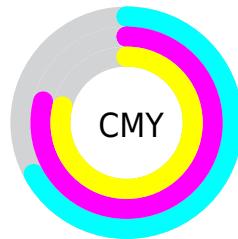
-  Red (33%)
-  Green (21%)
-  Blue (21%)






-  Red (33%)
-  Yellow (21%)
-  Blue (21%)



-  Cyan (0%)
-  Magenta (36%)
-  Yellow (36%)
-  Black (67%)



-  Cyan (67%)
-  Magenta (79%)
-  Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 14.538, 22.242 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 26, 14.538, 22.242 by changing the saturation by 10% instead.

 26, 14.538, 22.242

 26, 14.538, 22.242

 100, 14.538,
22.242

 16, 14.538, 22.242

 46, 14.538, 22.242

 6, 14.538, 22.242

 56, 14.538, 22.242

 0, 14.538, 22.242

 66, 14.538, 22.242

 76, 14.538, 22.242

 86, 14.538, 22.242

 96, 14.538, 22.242

 26, 14.538, 22.242

 26, 14.538, 22.242

24, 19.192, 23.604

29, 10.125, 21.180

21, 24.032, 25.336

31, 5.985, 20.330

19, 28.961, 27.526

34, 2.122, 19.585

18, 33.841, 30.217

37, 1.474, 199.401

16, 37.916, 32.003

40, 4.823, 198.842

15, 41.090, 32.748

42, 7.946, 198.477

15, 42.450, 32.927

45, 10.866,
198.188

48, 13.607,
197.952

51, 16.189,
197.757

Harmonies

Complementary

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



26, 14.538, 22.242



33, 11.599, 197.803

Rectangle

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



26, 14.538, 22.242



26, 14.538, 72.242



26, 14.538, 202.242



26, 14.538, 252.242

Sweetspot

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



26, 14.537, 22.246



42, 5.122, 20.001



27, 22.847, 325.725



21, 3.479, 20.056



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



26, 14.537, 22.246



32, 22.428, 23.408



30, 12.015, 69.613



15, 2.019, 19.805



20, 51.595, 36.274



48, 97.373, 39.998

Inverse Universe

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



26, 14.537, 22.246



32, 22.428, 23.408



29, 10.861, 258.801



15, 2.019, 19.805



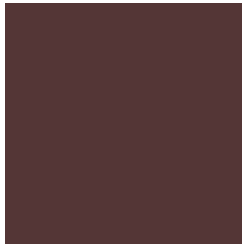
20, 51.595, 36.274



48, 97.373, 39.998

Previews

White Background



This preview shows how the CIELCh color 26, 14.538, 22.242 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 CIE LCh color 26, 14.538, 22.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

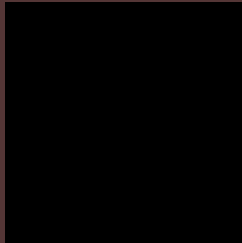
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 14.538, 22.242

Background



This preview shows how black text looks on a background with the CIELCh color 26, 14.538, 22.242.

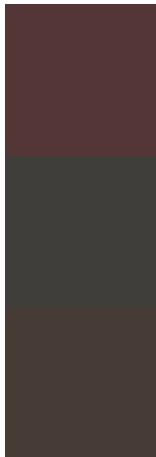


This preview shows how white text looks on a background with the CIELCh color 26, 14.538, 22.242.

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

26, 14.538, 22.242

Protanopia

26, 2.758, 90.073

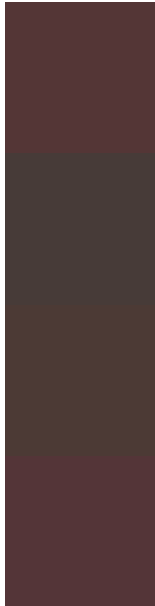
Deuteranopia

26, 7.019, 60.326



Tritanopia
26, 14.919, 12.555

Trichromacy



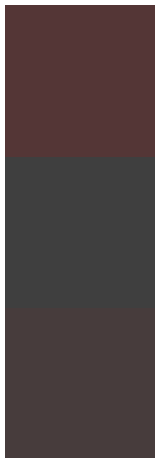
Original Color
26, 14.538, 22.242

Protanomaly
26, 6.026, 39.166

Deuteranomaly
26, 9.369, 40.983

Tritanomaly
26, 14.915, 15.028

Monochromacy



Original Color
26, 14.538, 22.242

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 5.103, 20.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 14.538, 22.242 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(84, 54, 54)` looks like.

```
.text, #text, p{  
    color:rgb(84, 54, 54)  
}
```

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(84, 54, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 54, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 14.538, 22.242 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(84, 54, 54) }
```

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

```
.border{ border-color:rgb(84, 54, 54) }
```

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

Here you see how a box with a 4 pixel rgb(84, 54, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 54, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 54, 54);  
box-shadow:4px 4px 4px 4px rgb(84, 54, 54)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 14.538, 22.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 54, 54) }
```

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

```
.background{ background-color: rgb(84, 54,  
54) }
```

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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