

Converting Colors

CIELCh(26, 13.826, 93.008)

Have a look what the booklet for
CIELCh(26, 13.826, 93.008) contains.

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Color

CIELCh(26, 13.463, 92.265)

Conversions

Conversions Part 1

Format	Color
Hex	443D29
RGB	68, 61, 41
RGB Percent	27%, 24%, 16%
CMY	0.7328, 0.7603, 0.8387
CMYK	0.00, 0.10, 0.40, 0.73
HSL	44°, 25%, 21%
HSV	44°, 40%, 27%
XYZ	4.4717, 4.7465, 2.7898
YIQ	60.8130, 10.5920, -4.7360

Conversions

Conversions Part 2

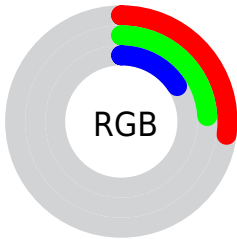
Format	Color
R_{YB}	50, 68, 41
Decimal	4472105
CIE Lab	26.00, -0.53, 13.45
CIE LCh	26, 13.463, 92.265
Yxy	4.7465, 0.3724, 0.3953
Android (android.graphics.Color)	4282662185 (0xFF443D29)
YUV	60.8130, -9.7678, 6.3030
Hunter-Lab	21.7865, -1.4886, 7.6584

Details

The CIELCh color **26, 13.463, 92.265** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20, 13.776, 282.000**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 13.609, 91.265**, and **6, 9.096, 91.377** is the 20% darker color. If you saturate the color by 10%, you get **25, 16.890, 91.111**, and if you desaturate by 10%, it is **27, 10.028, 93.403**.

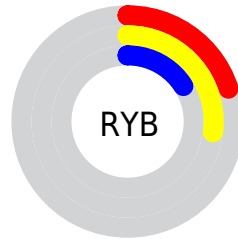
Distribution



Red (27%)

Green (24%)

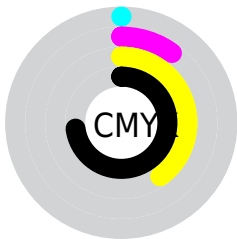
Blue (16%)



Red (20%)

Yellow (27%)

Blue (16%)

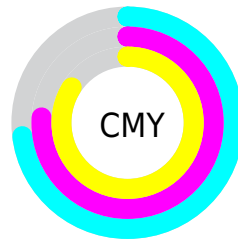


Cyan (0%)

Magenta (10%)

Yellow (40%)

Black (73%)



Cyan (73%)

Magenta (76%)

Yellow (84%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 26, 13.463, 92.265 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, 13.463, 92.265 by changing the saturation by 10% instead.

 26, 13.463, 92.265

 26, 13.463, 92.265

 100, 13.463,
92.265

 16, 13.463, 92.265

 46, 13.463, 92.265

 6, 13.463, 92.265

 56, 13.463, 92.265

 0, 13.463, 92.265

 66, 13.463, 92.265

 76, 13.463, 92.265

 86, 13.463, 92.265

 96, 13.463, 92.265

 26, 13.463, 92.265

 26, 13.463, 92.265

■ 25, 16.890, 91.111

■ 27, 10.028, 93.403

■ 25, 20.265, 89.927

■ 27, 6.611, 94.506

■ 24, 23.511, 88.712

■ 28, 3.224, 95.570

■ 23, 26.510, 87.452

■ 29, 0.123, 277.368

■ 23, 28.885, 86.113

■ 30, 3.429, 277.676

■ 22, 31.089, 84.908

■ 31, 6.693, 278.633

■ 22, 31.168, 84.868

■ 31, 9.916, 279.559

■ 32, 13.099,
280.446

■ 33, 16.244,
281.294

Harmonies

Complementary

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



26, 13.463, 92.265



20, 13.776, 282.000

Rectangle

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



26, 13.463, 92.265



26, 13.463, 142.265



26, 13.463, 272.265



26, 13.463, 322.265

Sweetspot

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



26, 13.463, 92.270



37, 5.031, 95.271



20, 13.814, 2.420



18, 3.367, 95.226



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



26, 13.463, 92.270



34, 20.436, 91.067



28, 17.418, 117.010



12, 1.816, 95.690



32, 41.352, 83.990



72, 75.834, 82.266

Inverse Universe

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



20, 13.776, 282.000



25, 21.128, 283.961



18, 18.830, 302.091



12, 1.828, 277.556



13, 50.387, 298.164



35, 100.155, 300.609

Previews

White Background



This preview shows how the CIELCh color 26, 13.463, 92.265 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 26, 13.463, 92.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

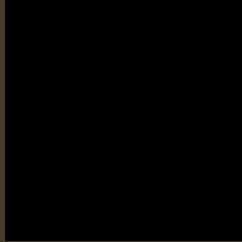
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 13.463, 92.265

Background



This preview shows how black text looks on a background with the CIELCh color 26, 13.463, 92.265.

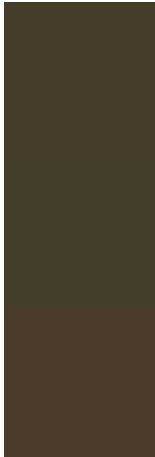


This preview shows how white text looks on a background with the CIELCh color 26, 13.463, 92.265.

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

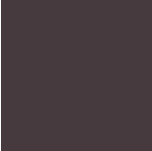
26, 13.463, 92.265

Protanopia

26, 13.813, 96.873

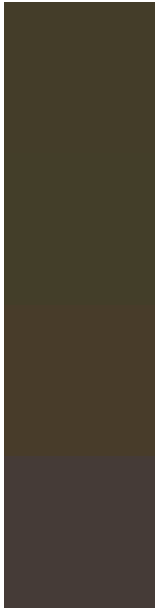
Deuteranopia

26, 13.568, 73.734



Tritanopia
26, 6.370, 349.781

Trichromacy



Original Color

26, 13.463, 92.265

Protanomaly

26, 13.813, 96.873

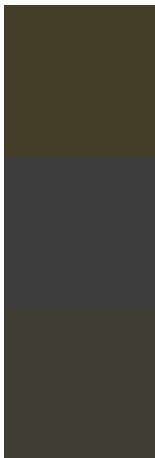
Deuteranomaly

26, 13.266, 80.507

Tritanomaly

26, 5.429, 48.737

Monochromacy



Original Color

26, 13.463, 92.265

Achromatopsia

26, 0.004, 296.813

Achromatomaly

26, 4.779, 92.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 13.463, 92.265 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(68, 61, 41)` looks like.

```
.text, #text, p{  
    color:rgb(68, 61, 41)  
}
```

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(68, 61, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 61, 41) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 13.463, 92.265 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(68, 61, 41) }
```

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

```
.border{ border-color:rgb(68, 61, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 61, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 61, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 61, 41);  
box-shadow:4px 4px 4px 4px rgb(68, 61, 41)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 13.463, 92.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 61, 41) }
```

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

```
.background{ background-color: rgb(68, 61,  
41) }
```

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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