

Converting Colors

CIELCh(26, 15.827, 329.190)

Have a look what the booklet for
CIELCh(26, 15.827, 329.190)
contains.

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Color

CIELCh(26, 15.614, 329.944)

Conversions

Conversions Part 1

Format	Color
Hex	4D374A
RGB	77, 55, 74
RGB Percent	30%, 22%, 29%
CMY	0.6996, 0.7858, 0.7114
CMYK	0.00, 0.29, 0.04, 0.70
HSL	308°, 17%, 26%
HSV	308°, 29%, 30%
XYZ	5.5991, 4.7465, 7.0298
YIQ	63.7440, 7.0130, 10.5730

Conversions

Conversions Part 2

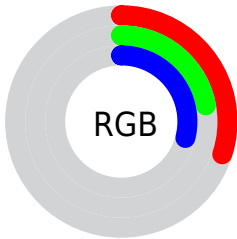
Format	Color
R _Y B	77, 55, 74
Decimal	5060426
CIE Lab	26.00, 13.51, -7.82
CIE LCh	26, 15.614, 329.944
Yxy	4.7465, 0.3222, 0.2732
Android (android.graphics.Color)	4283250506 (0xFF4D374A)
YUV	63.7440, 5.0562, 11.6255
Hunter-Lab	21.7865, 7.7477, -3.8806




Details

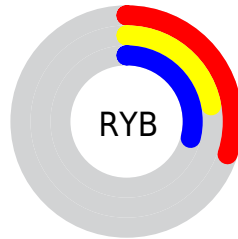
The CIELCh color **26, 15.614, 329.944** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30, 15.579, 146.566**, and the grayscale version is **27, 0.004, 296.813**.




A 20% lighter version of the original color is **46, 15.740, 329.111**, and **6, 15.819, 331.208** is the 20% darker color. If you saturate the color by 10%, you get **24, 20.974, 330.504**, and if you desaturate by 10%, it is **28, 10.159, 329.388**.

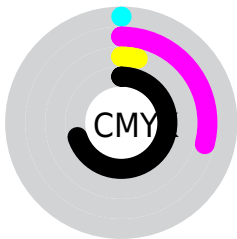
Distribution







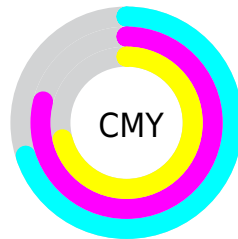
-  Red (30%)
-  Green (22%)
-  Blue (29%)






-  Red (30%)
-  Yellow (22%)
-  Blue (29%)



-  Cyan (0%)
-  Magenta (29%)
-  Yellow (4%)
-  Black (70%)





-  Cyan (70%)
-  Magenta (79%)
-  Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 15.614, 329.944 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, 15.614, 329.944 by changing the saturation by 10% instead.

 26, 15.614,
329.944


 26, 15.614,
329.944

 100, 15.614,
329.944


 16, 15.614,
329.944


 46, 15.614,
329.944


 6, 15.614, 329.944

 56, 15.614,
329.944

 0, 15.614, 329.944

 66, 15.614,
329.944

 76, 15.614,
329.944

 86, 15.614,
329.944

 96, 15.614,

329.944

■ 26, 15.614,
329.944

■ 26, 15.614,
329.944

■ 24, 20.974,
330.504

■ 28, 10.159,
329.388

■ 22, 26.120,
331.063

■ 31, 4.702, 328.829

■ 20, 30.897,
331.619

■ 33, 0.698, 148.542

■ 35, 5.998, 147.845

■ 19, 35.121,
332.171

■ 38, 11.177,
147.341

■ 17, 38.600,
332.721

■ 40, 16.219,
146.865

■ 16, 41.189,
333.273

■ 43, 21.122,
146.413

■ 15, 43.586,
333.803

■ 45, 25.884,
145.983

■ 15, 43.917,
333.869

■ 48, 30.510,
145.576

Harmonies

Complementary

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



26, 15.614, 329.944



30, 15.579, 146.566

Rectangle

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



26, 15.614, 329.944



26, 15.614, 19.944



26, 15.614, 149.944



26, 15.614, 199.944

Sweetspot

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



26, 15.613, 329.944



40, 6.045, 328.866



24, 14.674, 297.787



19, 4.238, 328.915



73, 0.009, 296.813



21, 0.004, 296.813

Same Dimension

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



26, 15.613, 329.944



33, 22.923, 330.311



26, 11.336, 354.166



14, 3.016, 328.827



22, 53.310, 334.128



53, 95.781, 334.620

Inverse Universe

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



26, 15.613, 329.944



33, 22.923, 330.311



31, 10.691, 169.019



14, 3.016, 328.827



22, 53.310, 334.128



53, 95.781, 334.620

Previews

White Background



This preview shows how the CIE LCh color 26, 15.614, 329.944 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, 15.614, 329.944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

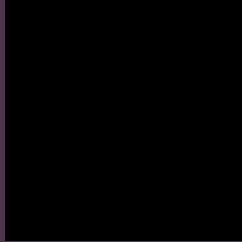
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 15.614, 329.944

Background



This preview shows how black text looks on a background with the CIELCh color 26, 15.614, 329.944.



This preview shows how white text looks on a background with the CIELCh color 26, 15.614, 329.944.

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, 15.614, 329.944

Protanopia

26, 11.170, 286.234

Deuteranopia

26, 8.646, 300.298



Tritanopia
26, 8.724, 3.792

Trichromacy



Original Color

26, 15.614, 329.944

Protanomaly

26, 11.476, 304.942

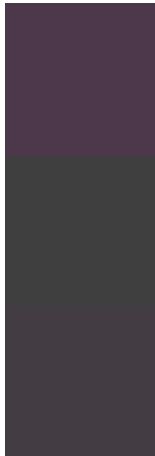
Deuteranomaly

26, 10.779, 315.440

Tritanomaly

26, 11.113, 345.766

Monochromacy



Original Color

26, 15.614, 329.944

Achromatopsia

27, 0.004, 296.813

Achromatomaly

26, 5.818, 328.630

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 15.614, 329.944 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(77, 55, 74)` looks like.

```
.text, #text, p{  
    color:rgb(77, 55, 74)  
}
```

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(77, 55, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 55, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 15.614, 329.944 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(77, 55, 74) }
```

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

```
.border{ border-color:rgb(77, 55, 74) }
```

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

Here you see how a box with a 4 pixel rgb(77, 55, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 55, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 55, 74);  
box-shadow:4px 4px 4px 4px rgb(77, 55, 74)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 15.614, 329.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 55, 74) }
```

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

```
.background{ background-color: rgb(77, 55,  
74) }
```

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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