

Converting Colors

CIELCh(26, 20.611, 315.685)

Have a look what the booklet for
CIELCh(26, 20.611, 315.685)
contains.

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Color

CIELCh(26, 21.283, 316.072)

Conversions

Conversions Part 1

Format	Color
Hex	4A3654
RGB	74, 54, 84
RGB Percent	29%, 21%, 33%
CMY	0.7095, 0.7879, 0.6702
CMYK	0.12, 0.36, 0.00, 0.67
HSL	280°, 22%, 27%
HSV	280°, 36%, 33%
XYZ	5.7571, 4.7465, 9.0179
YIQ	63.4000, 2.2900, 13.5700

Conversions

Conversions Part 2

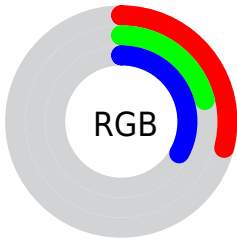
Format	Color
R _Y B	74, 54, 84
Decimal	4863572
CIE Lab	26.00, 15.33, -14.77
CIE LCh	26, 21.283, 316.072
Yxy	4.7465, 0.2949, 0.2431
Android (android.graphics.Color)	4283053652 (0xFF4A3654)
YUV	63.4000, 10.1558, 9.2962
Hunter-Lab	21.7865, 9.0427, -9.2909

Details

The CIELCh color $[26, 21.283, 316.072]$ is a dark color, and the websafe version is hex $\#333366$. A complement of this color would be $[33, 20.699, 133.131]$, and the grayscale version is $[27, 0.004, 296.813]$.

A 20% lighter version of the original color is $[46, 21.429, 315.680]$, and $[6, 21.515, 316.472]$ is the 20% darker color. If you saturate the color by 10%, you get $[23, 27.318, 316.460]$, and if you desaturate by 10%, it is $[29, 15.222, 315.667]$.

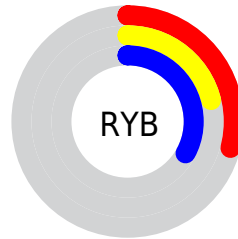
Distribution



Red (29%)

Green (21%)

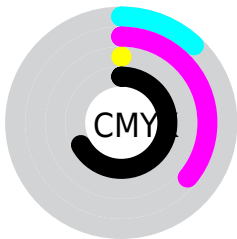
Blue (33%)



Red (29%)

Yellow (21%)

Blue (33%)

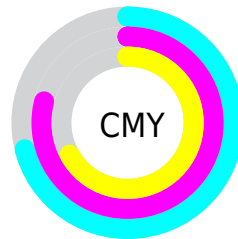


Cyan (12%)

Magenta (36%)

Yellow (0%)

Black (67%)



Cyan (71%)


Magenta (79%)


Yellow (67%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 21.283, 316.072 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, 21.283, 316.072 by changing the saturation by 10% instead.

 26, 21.283,
316.072


 26, 21.283,
316.072

 100, 21.283,
316.072


 16, 21.283,
316.072


 46, 21.283,
316.072


 6, 21.283, 316.072

 56, 21.283,
316.072

 0, 21.283, 316.072

 66, 21.283,
316.072

 76, 21.283,
316.072

 86, 21.283,
316.072

 96, 21.283,

316.072

■ 26, 21.283,
316.072

■ 26, 21.283,
316.072

■ 23, 27.318,
316.460

■ 29, 15.222,
315.667

■ 21, 33.212,
316.808

■ 31, 9.214, 315.262

■ 19, 38.796,
317.082

■ 34, 3.306, 314.856

■ 17, 43.844,
317.237

■ 37, 2.473, 134.552

■ 15, 48.089,
317.220

■ 43, 13.598,
133.861

■ 13, 51.760,
317.114

■ 45, 18.936,
133.568

■ 13, 53.506,
317.133

■ 48, 24.127,
133.303

■ 51, 29.176,
133.064

Harmonies

Complementary

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



26, 21.283, 316.072



33, 20.699, 133.131

Rectangle

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



26, 21.283, 316.072



26, 21.283, 6.072



26, 21.283, 136.072



26, 21.283, 186.072

Sweetspot

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



26, 21.282, 316.072



42, 8.012, 315.089



27, 13.426, 276.275



21, 5.431, 315.119



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, 21.282, 316.072



32, 32.011, 316.415



27, 20.499, 331.419



15, 3.181, 314.980



17, 62.366, 316.858



42, 112.318, 316.187

Inverse Universe

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



26, 15.115, 357.318



33, 22.808, 358.553



33, 20.445, 146.905



15, 2.223, 354.364



20, 44.364, 14.803



49, 80.793, 18.953

Previews

White Background



This preview shows how the CIELCh color 26, 21.283, 316.072 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, 21.283, 316.072 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, 21.283, 316.072

Background



This preview shows how black text looks on a background with the CIELCh color 26, 21.283, 316.072.



This preview shows how white text looks on a background with the CIELCh color 26, 21.283, 316.072.

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

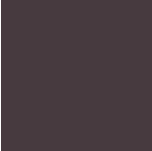
26, 21.283, 316.072

Protanopia

26, 18.438, 284.727

Deuteranopia

26, 14.471, 285.418



Tritanopia
26, 6.769, 351.899

Trichromacy



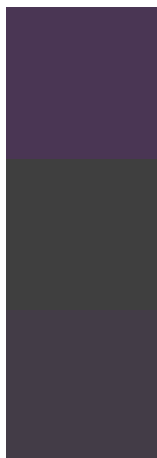
Original Color
26, 21.283, 316.072

Protanomaly
26, 19.106, 297.343

Deuteranomaly
26, 16.585, 300.233

Tritanomaly
26, 11.290, 327.328

Monochromacy



Original Color
26, 21.283, 316.072

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 7.848, 314.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 21.283, 316.072 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(74, 54, 84)` looks like.

```
.text, #text, p{  
    color:rgb(74, 54, 84)  
}
```

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(74, 54, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 54, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 21.283, 316.072 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(74, 54, 84) }
```

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

```
.border{ border-color:rgb(74, 54, 84) }
```

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

Here you see how a box with a 4 pixel rgb(74, 54, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 54, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 54, 84);  
box-shadow:4px 4px 4px 4px rgb(74, 54, 84)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 21.283, 316.072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 54, 84) }
```

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

```
.background{ background-color: rgb(74, 54,  
84) }
```

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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