

Converting Colors

CIELCh(26, 21.964, 327.353)

Have a look what the booklet for
CIELCh(26, 21.964, 327.353)
contains.

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Color

CIELCh(26, 21.818, 327.169)

Conversions

Conversions Part 1

Format	Color
Hex	513450
RGB	81, 52, 80
RGB Percent	32%, 20%, 31%
CMY	0.6834, 0.7971, 0.6873
CMYK	0.00, 0.36, 0.01, 0.68
HSL	302°, 22%, 26%
HSV	302°, 36%, 32%
XYZ	6.0255, 4.7465, 8.1370
YIQ	63.8630, 8.2960, 14.8560

Conversions

Conversions Part 2

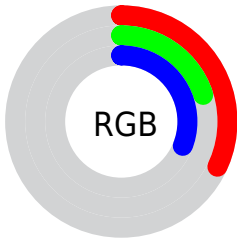
Format	Color
R_{YB}	81, 52, 80
Decimal	5321808
CIE Lab	26.00, 18.33, -11.83
CIE LCh	26, 21.818, 327.169
Yxy	4.7465, 0.3187, 0.2510
Android (android.graphics.Color)	4283511888 (0xFF513450)
YUV	63.8630, 7.9555, 15.0291
Hunter-Lab	21.7865, 11.2414, -6.8937

Details

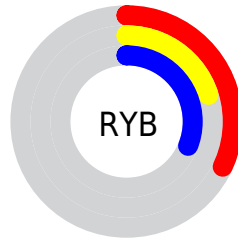
The CIELCh color **26, 21.818, 327.169** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **31, 21.825, 143.018**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 21.771, 327.488**, and **6, 21.383, 328.183** is the 20% darker color. If you saturate the color by 10%, you get **24, 27.637, 327.648**, and if you desaturate by 10%, it is **28, 15.786, 326.670**.

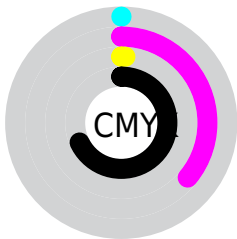
Distribution



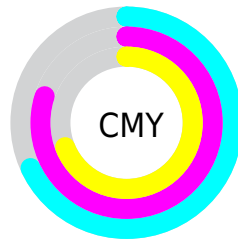
- Red (32%)
- Green (20%)
- Blue (31%)



- Red (32%)
- Yellow (20%)
- Blue (31%)



- Cyan (0%)
- Magenta (36%)
- Yellow (1%)
- Black (68%)





- Cyan (68%)
- Magenta (80%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 21.818, 327.169 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, 21.818, 327.169 by changing the saturation by 10% instead.

 26, 21.818,
327.169


 26, 21.818,
327.169

 100, 21.818,
327.169


 16, 21.818,
327.169


 46, 21.818,
327.169


 6, 21.818, 327.169

 56, 21.818,
327.169

 0, 21.818, 327.169

 66, 21.818,
327.169

 76, 21.818,
327.169

 86, 21.818,
327.169

 96, 21.818,

327.169

■ 26, 21.818,
327.169

■ 26, 21.818,
327.169

■ 24, 27.637,
327.648

■ 28, 15.786,
326.670

■ 22, 33.085,
328.095

■ 31, 9.673, 326.159

■ 20, 37.971,
328.502

■ 33, 3.571, 325.629

■ 35, 2.456, 145.224

■ 19, 42.093,
328.858

■ 38, 8.366, 144.697

■ 18, 45.275,
329.157

■ 40, 14.132,
144.219

■ 17, 47.836,
329.417

■ 43, 19.742,
143.764

■ 17, 48.931,
329.523

■ 46, 25.190,
143.331

■ 48, 30.477,
142.922

Harmonies

Complementary

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



26, 21.818, 327.169



31, 21.825, 143.018

Rectangle

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



26, 21.818, 327.169



26, 21.818, 17.169



26, 21.818, 147.169



26, 21.818, 197.169

Sweetspot

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



26, 21.817, 327.169



41, 8.272, 325.925



23, 19.388, 295.344



20, 5.605, 325.962



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



26, 21.817, 327.169



32, 32.117, 327.582



25, 15.695, 348.696



15, 3.419, 325.785



23, 58.494, 329.570



55, 104.713, 329.667

Inverse Universe

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



26, 21.817, 327.169



32, 32.117, 327.582



32, 14.972, 162.353



15, 3.419, 325.785



23, 58.494, 329.570



55, 104.713, 329.667

Previews

White Background



This preview shows how the CIE LCh color 26, 21.818, 327.169 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, 21.818, 327.169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

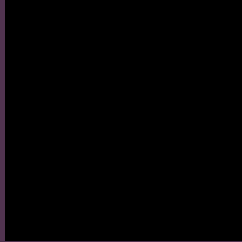
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 21.818, 327.169

Background



This preview shows how black text looks on a background with the CIELCh color 26, 21.818, 327.169.



This preview shows how white text looks on a background with the CIELCh color 26, 21.818, 327.169.

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, 21.818, 327.169

Protanopia

26, 17.118, 284.840

Deuteranopia

26, 11.143, 288.266



Tritanopia
26, 10.578, 7.338

Trichromacy



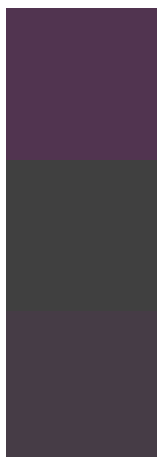
Original Color
26, 21.818, 327.169

Protanomaly
26, 17.278, 301.355

Deuteranomaly
26, 14.323, 307.796

Tritanomaly
26, 14.008, 345.170

Monochromacy



Original Color
26, 21.818, 327.169

Achromatopsia
27, 0.004, 296.813

Achromatomaly
27, 7.896, 325.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 21.818, 327.169 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(81, 52, 80)` looks like.

```
.text, #text, p{  
    color:rgb(81, 52, 80)  
}
```

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(81, 52, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 52, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 21.818, 327.169 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(81, 52, 80) }
```

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

```
.border{ border-color:rgb(81, 52, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 52, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 52, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 52, 80);  
box-shadow:4px 4px 4px 4px rgb(81, 52, 80)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 21.818, 327.169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 52, 80) }
```

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

```
.background{ background-color: rgb(81, 52,  
80) }
```

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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