

Converting Colors

CIELCh(19, 26.352, 326.350)

Have a look what the booklet for
CIELCh(19, 26.352, 326.350)
contains.

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Color

CIELCh(19, 26.438, 325.903)

Conversions

Conversions Part 1

Format	Color
Hex	432244
RGB	67, 34, 68
RGB Percent	26%, 13%, 27%
CMY	0.7376, 0.8669, 0.7336
CMYK	0.01, 0.50, 0.00, 0.73
HSL	298°, 33%, 20%
HSV	298°, 50%, 27%
XYZ	3.9203, 2.7468, 5.7801
YIQ	47.7430, 8.7540, 17.5700

Conversions

Conversions Part 2

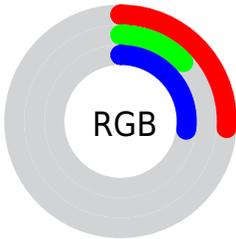
Format	Color
RYB	67, 34, 68
Decimal	4399684
CIELab	19.00, 21.89, -14.82
CIElCh	19, 26.438, 325.903
Yxy	2.7468, 0.3150, 0.2207
Android (android.graphics.Color)	4282589764 (0xFF432244)
YUV	47.7430, 9.9867, 16.8884
Hunter-Lab	16.5735, 13.2188, -9.0760

Details

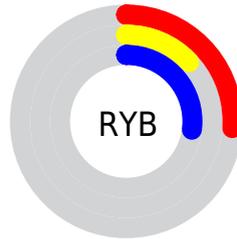
The CIELCh color **19, 26.438, 325.903** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **26, 26.457, 140.353**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 26.075, 326.038**, and **3, 15.773, 324.439** is the 20% darker color. If you saturate the color by 10%, you get **17, 31.159, 326.275**, and if you desaturate by 10%, it is **21, 21.370, 325.488**.

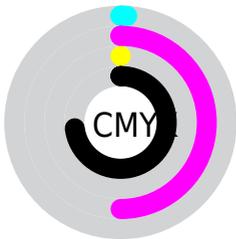
Distribution



- Red (26%)
- Green (13%)
- Blue (27%)



- Red (26%)
- Yellow (13%)
- Blue (27%)



- Cyan (1%)
- Magenta (50%)
- Yellow (0%)
- Black (73%)



- Cyan (74%)
- Magenta (87%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 26.438, 325.903 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 19, 26.438, 325.903 by changing the saturation by 10% instead.

■ 19, 26.438,
325.903

■ 19, 26.438,
325.903

■ 100, 26.438,
325.903

■ 9, 26.438, 325.903

■ 39, 26.438,
325.903

■ 0, 26.438, 325.903

■ 49, 26.438,
325.903

■ 59, 26.438,
325.903

■ 69, 26.438,
325.903

■ 79, 26.438,
325.903

■ 89, 26.438,

325.903

 99, 26.438,
325.903

 19, 26.438,
325.903

 19, 26.438,
325.903

 17, 31.159,
326.275

 21, 21.370,
325.488

 16, 35.375,
326.590

 23, 16.098,
325.043

 15, 38.921,
326.835

 25, 10.732,
324.580

 14, 41.779,
327.011

 27, 5.356, 324.102

 13, 44.704,
327.197

 29, 0.029, 319.685

 31, 5.208, 143.226

■ 33, 10.331,
142.772

■ 35, 15.324,
142.343

■ 38, 20.181,
141.935

Harmonies

Complementary

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



19, 26.438, 325.903



26, 26.457, 140.353

Rectangle

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



19, 26.438, 325.903



19, 26.438, 15.903



19, 26.438, 145.903



19, 26.438, 195.903

Sweetspot

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



19, 26.437, 325.903



34, 10.059, 324.371



15, 23.130, 295.108



16, 6.924, 324.419



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



19, 26.437, 325.903



24, 38.832, 326.360



18, 19.604, 346.232



12, 2.903, 324.025



21, 56.961, 327.142



52, 105.071, 327.058

Inverse Universe

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



18, 17.621, 21.872



22, 27.249, 24.237



26, 18.808, 157.484



12, 1.688, 17.377



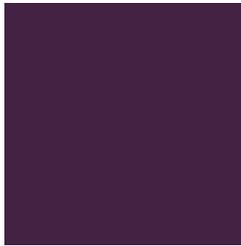
18, 47.715, 34.100



47, 93.736, 39.059

Previews

White Background



This preview shows how the CIE LCh color 19, 26.438, 325.903 looks on a white background.

Color Contrast Check

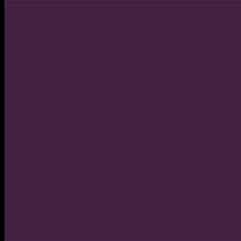
Large Text (above 18pt) WCAG AA ✓ Pass

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 19, 26.438, 325.903 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 19, 26.438, 325.903

Background



This preview shows how black text looks on a background with the CIELCh color 19, 26.438, 325.903.



This preview shows how white text looks on a background with the CIELCh color 19, 26.438, 325.903.

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

19, 26.438, 325.903

Protanopia

19, 22.058, 283.979

Deuteranopia

19, 13.805, 283.700



Tritanopia
19, 12.060, 12.722

Trichromacy



Original Color
19, 26.438, 325.903

Protanomaly
19, 22.030, 298.136

Deuteranomaly
19, 17.533, 304.741

Tritanomaly
19, 15.624, 346.122

Monochromacy



Original Color
19, 26.438, 325.903

Achromatopsia
20, 0.004, 296.813

Achromatomaly
19, 9.876, 325.445

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 26.438, 325.903 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(67, 34, 68)` looks like.

```
.text, #text, p{  
    color:rgb(67, 34, 68)  
}
```

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(67, 34, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 34, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 26.438, 325.903 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(67, 34, 68) }
```

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

```
.border{ border-color:rgb(67, 34, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 34, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 34, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 34, 68);  
box-shadow:4px 4px 4px 4px rgb(67, 34, 68)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 26.438, 325.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 34, 68) }
```

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

```
.background{ background-color: rgb(67, 34,  
68) }
```

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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