

Converting Colors

CIELCh(18, 43.926, 324.734)

Have a look what the booklet for
CIELCh(18, 43.926, 324.734)
contains.

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Color

CIELCh(18, 43.635, 324.705)

Conversions

Conversions Part 1

Format	Color
Hex	4B1251
RGB	75, 18, 81
RGB Percent	29%, 7%, 32%
CMY	0.7061, 0.9296, 0.6825
CMYK	0.07, 0.78, 0.00, 0.68
HSL	294°, 64%, 19%
HSV	294°, 78%, 32%
XYZ	4.5965, 2.5180, 8.0187
YIQ	42.2250, 13.7490, 31.6770

Conversions

Conversions Part 2

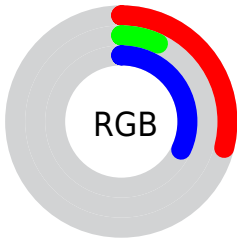
Format	Color
R_{YB}	75, 18, 81
Decimal	4919889
CIE _{Lab}	18.00, 35.61, -25.21
CIE _{LCh}	18, 43.635, 324.705
Yxy	2.5180, 0.3037, 0.1664
Android (android.graphics.Color)	4283109969 (0xFF4B1251)
YUV	42.2250, 19.1161, 28.7437
Hunter-Lab	15.8683, 23.9360, -18.8531

Details

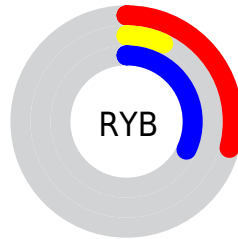
The CIELCh color **18, 43.635, 324.705** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **30, 43.844, 136.617**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 43.787, 324.560**, and **4, 25.134, 320.054** is the 20% darker color. If you saturate the color by 10%, you get **17, 46.929, 324.779**, and if you desaturate by 10%, it is **19, 39.394, 324.520**.

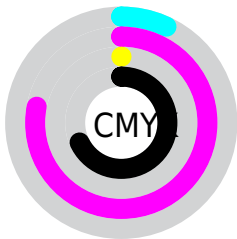
Distribution



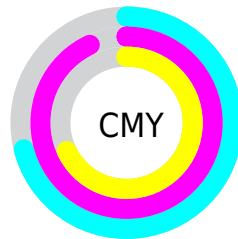
- Red (29%)
- Green (7%)
- Blue (32%)



- Red (29%)
- Yellow (7%)
- Blue (32%)



- Cyan (7%)
- Magenta (78%)
- Yellow (0%)
- Black (68%)





- Cyan (71%)
- Magenta (93%)
- Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 43.635, 324.705 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 18, 43.635, 324.705 by changing the saturation by 10% instead.

 18, 43.635,
324.705


 18, 43.635,
324.705


 100, 43.635,
324.705


 8, 43.635, 324.705


 38, 43.635,
324.705

 0, 43.635, 324.705

 48, 43.635,
324.705


 58, 43.635,
324.705


 68, 43.635,
324.705


 78, 43.635,
324.705


 88, 43.635,


324.705


 98, 43.635,
324.705


 18, 43.635,
324.705


 18, 43.635,
324.705


 17, 46.929,
324.779


 19, 39.394,
324.520


 16, 49.854,
324.820

 21, 34.405,
324.243

 16, 50.524,
324.836

 23, 28.879,
323.897

 25, 23.008,
323.501

 28, 16.951,
323.073

■ 30, 10.828,
322.628

■ 32, 4.727, 322.168

■ 35, 1.294, 141.849

■ 38, 7.197, 141.344

Harmonies

Complementary

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



18, 43.635, 324.705



30, 43.844, 136.617

Rectangle

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



18, 43.635, 324.705



18, 43.635, 14.705



18, 43.635, 144.705



18, 43.635, 194.705

Sweetspot

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



18, 43.634, 324.705



37, 17.296, 322.895



12, 40.465, 298.668



18, 12.074, 322.994



74, 0.009, 296.813



22, 0.004, 296.813

Same Dimension

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



18, 43.634, 324.705



22, 58.414, 324.749



18, 33.867, 346.212



15, 3.399, 322.211



22, 60.356, 324.721



51, 108.300, 324.483

Inverse Universe

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



17, 32.309, 24.172



21, 46.902, 30.949



30, 33.795, 150.367



15, 2.033, 12.097



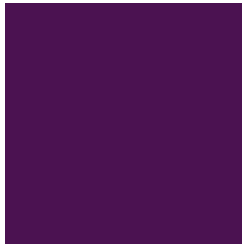
20, 49.559, 32.421



49, 93.304, 36.716

Previews

White Background



This preview shows how the CIELCh color 18, 43.635, 324.705 looks on a white background.

Color Contrast Check

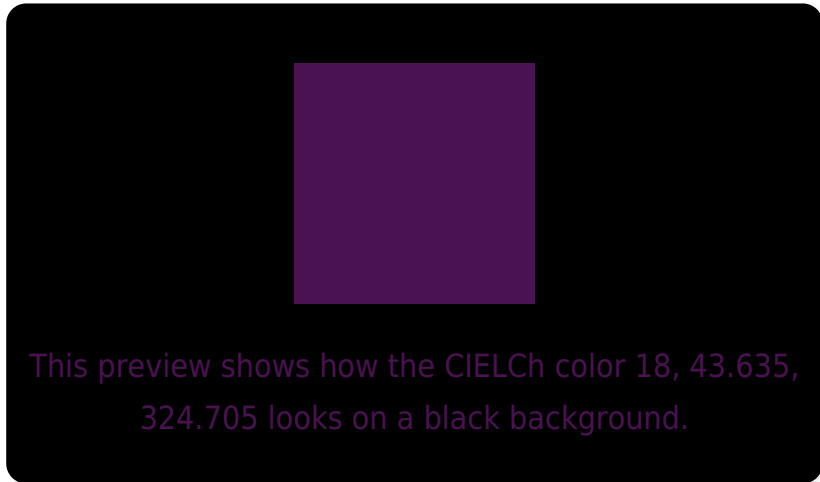
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

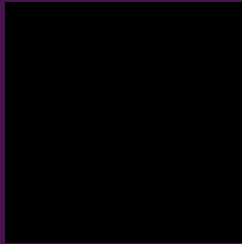
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 43.635, 324.705

Background



This preview shows how black text looks on a background with the CIELCh color 18, 43.635, 324.705.



This preview shows how white text looks on a background with the CIELCh color 18, 43.635, 324.705.

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

18, 43.635, 324.705

Protanopia

18, 34.666, 283.872

Deuteranopia

19, 21.839, 277.776



Tritanopia
19, 17.865, 17.711

Trichromacy



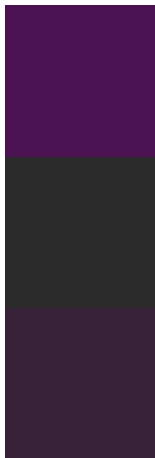
Original Color
18, 43.635, 324.705

Protanomaly
16, 37.433, 295.779

Deuteranomaly
17, 29.239, 301.644

Tritanomaly
18, 24.875, 344.675

Monochromacy



Original Color
18, 43.635, 324.705

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 18.397, 323.777

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 43.635, 324.705 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(75, 18, 81)` looks like.

```
.text, #text, p{  
    color:rgb(75, 18, 81)  
}
```

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(75, 18, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 18, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 43.635, 324.705 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(75, 18, 81) }
```

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

```
.border{ border-color:rgb(75, 18, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 18, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 18, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 18, 81);  
box-shadow:4px 4px 4px 4px rgb(75, 18, 81)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 43.635, 324.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 18, 81) }
```

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

```
.background{ background-color: rgb(75, 18,  
81) }
```

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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