

Converting Colors

CIELCh(18, 43.187, 324.030)

Have a look what the booklet for
CIELCh(18, 43.187, 324.030)
contains.

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Color

CIELCh(18, 43.120, 324.121)

Conversions

Conversions Part 1

Format	Color
Hex	4A1351
RGB	74, 19, 81
RGB Percent	29%, 7%, 32%
CMY	0.7097, 0.9254, 0.6823
CMYK	0.09, 0.77, 0.00, 0.68
HSL	293°, 62%, 20%
HSV	293°, 77%, 32%
XYZ	4.5455, 2.5180, 8.0359
YIQ	42.5130, 12.8780, 30.9420

Conversions

Conversions Part 2

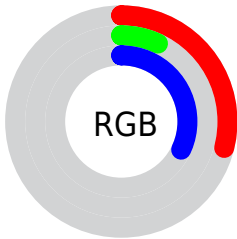
Format	Color
R_{YB}	74, 19, 81
Decimal	4854609
CIE _{Lab}	18.00, 34.94, -25.27
CIE _{LCh}	18, 43.120, 324.121
Yxy	2.5180, 0.3010, 0.1668
Android (android.graphics.Color)	4283044689 (0xFF4A1351)
YUV	42.5130, 18.9741, 27.6141
Hunter-Lab	15.8683, 23.3625, -18.9174

Details

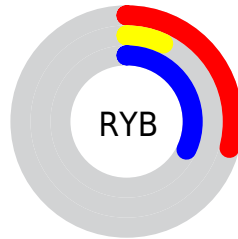
The CIELCh color **18, 43.120, 324.121** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **30, 43.156, 136.401**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 43.015, 324.012**, and **4, 24.821, 318.783** is the 20% darker color. If you saturate the color by 10%, you get **17, 46.591, 324.190**, and if you desaturate by 10%, it is **20, 38.732, 323.937**.

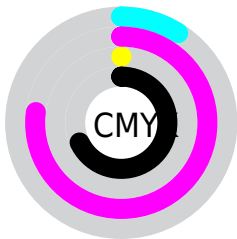
Distribution



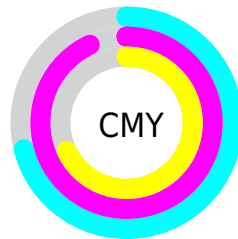
- Red (29%)
- Green (7%)
- Blue (32%)



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



- Cyan (9%)
- Magenta (77%)
- Yellow (0%)
- Black (68%)





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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 43.120, 324.121 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, 43.120, 324.121 by changing the saturation by 10% instead.

 18, 43.120,
324.121


 18, 43.120,
324.121


 100, 43.120,
324.121


 8, 43.120, 324.121


 38, 43.120,
324.121

 0, 43.120, 324.121

 48, 43.120,
324.121


 58, 43.120,
324.121


 68, 43.120,
324.121


 78, 43.120,
324.121


 88, 43.120,


324.121


 98, 43.120,
324.121


 18, 43.120,
324.121


 18, 43.120,
324.121


 17, 46.591,
324.190


 20, 38.732,
323.937

 16, 49.540,
324.204

 21, 33.636,
323.660

 15, 50.632,
324.223

 23, 28.044,
323.314

 26, 22.142,
322.920

 28, 16.083,
322.497

■ 30, 9.980, 322.057

■ 33, 3.911, 321.602

■ 35, 2.068, 141.261

■ 38, 7.925, 140.801

Harmonies

Complementary

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



18, 43.120, 324.121



30, 43.156, 136.401

Rectangle

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



18, 43.120, 324.121



18, 43.120, 14.121



18, 43.120, 144.121



18, 43.120, 194.121

Sweetspot

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



18, 43.119, 324.121



37, 17.212, 322.378



13, 38.963, 297.708



18, 12.017, 322.476



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, 43.119, 324.121



22, 58.193, 324.144



18, 33.833, 344.991



15, 3.381, 321.706



21, 60.452, 324.089



51, 108.492, 323.809

Inverse Universe

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



17, 31.569, 22.447



21, 46.030, 29.479



30, 33.846, 149.871



15, 2.040, 10.687



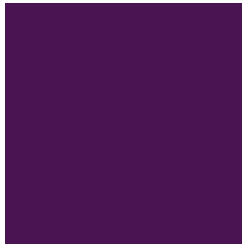
20, 49.191, 31.636



49, 92.343, 35.847

Previews

White Background



This preview shows how the CIE LCh color 18, 43.120, 324.121 looks on a white background.

Color Contrast Check

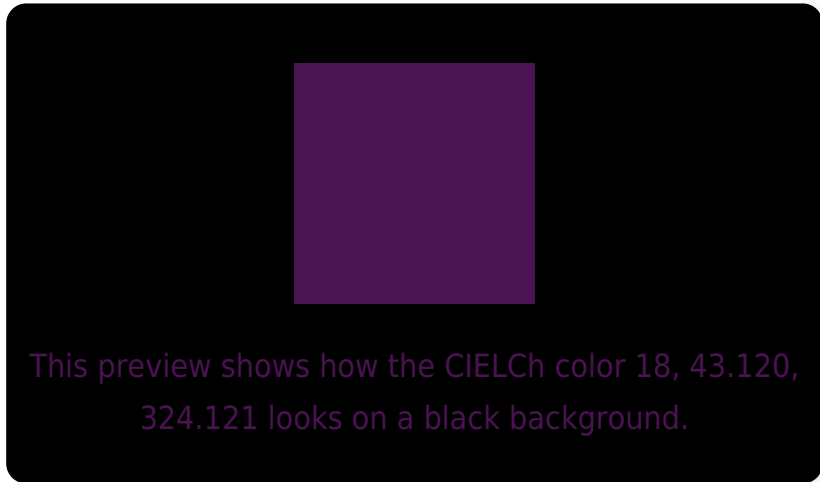
Large Text (above 18pt) WCAG AA ✓ Pass

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

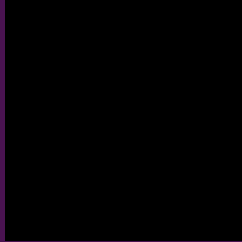
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 43.120, 324.121

Background



This preview shows how black text looks on a background with the CIELCh color 18, 43.120, 324.121.



This preview shows how white text looks on a background with the CIELCh color 18, 43.120, 324.121.

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, 43.120, 324.121

Protanopia

18, 34.037, 283.332

Deuteranopia

19, 21.898, 277.164



Tritanopia
18, 17.360, 17.376

Trichromacy



Original Color
18, 43.120, 324.121

Protanomaly
16, 37.433, 295.779

Deuteranomaly
17, 29.231, 300.983

Tritanomaly
18, 24.586, 343.820

Monochromacy



Original Color
18, 43.120, 324.121

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 18.165, 322.453

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 43.120, 324.121 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, 19, 81)` looks like.

```
.text, #text, p{  
    color:rgb(74, 19, 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(74, 19, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 19, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 43.120, 324.121 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, 19, 81) }
```

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

```
.border{ border-color:rgb(74, 19, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 19, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 19, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 19, 81);  
box-shadow:4px 4px 4px 4px rgb(74, 19, 81)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 43.120, 324.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 19, 81) }
```

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

```
.background{ background-color: rgb(74, 19,  
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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