

Converting Colors

CIELCh(18, 34.578, 330.612)

Have a look what the booklet for
CIELCh(18, 34.578, 330.612)
contains.

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Color

CIELCh(18, 34.571, 330.753)

Conversions

Conversions Part 1

Format	Color
Hex	4A1845
RGB	74, 24, 69
RGB Percent	29%, 9%, 27%
CMY	0.7107, 0.9067, 0.7303
CMYK	0.00, 0.68, 0.07, 0.71
HSL	306°, 51%, 19%
HSV	306°, 68%, 29%
XYZ	4.1962, 2.5180, 5.8601
YIQ	44.0800, 15.3550, 24.5950

Conversions

Conversions Part 2

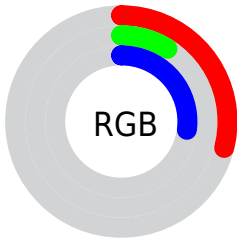
Format	Color
R_YB	74, 24, 69
Decimal	4855877
CIE Lab	18.00, 30.16, -16.89
CIE LCh	18, 34.571, 330.753
Yxy	2.5180, 0.3337, 0.2003
Android (android.graphics.Color)	4283045957 (0xFF4A1845)
YUV	44.0800, 12.2856, 26.2398
Hunter-Lab	15.8683, 19.4324, -10.7877

Details

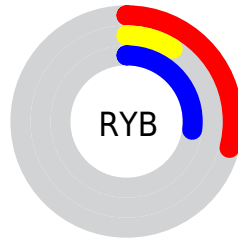
The CIELCh color **18, 34.571, 330.753** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **27, 35.120, 141.659**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 34.562, 331.329**, and **3, 17.842, 329.165** is the 20% darker color. If you saturate the color by 10%, you get **17, 38.145, 331.221**, and if you desaturate by 10%, it is **20, 30.293, 330.264**.

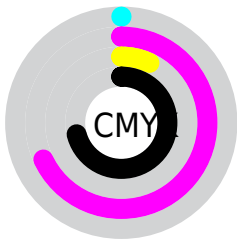
Distribution



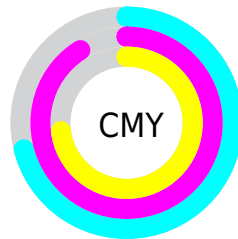
- Red (29%)
- Green (9%)
- Blue (27%)



- Red (29%)
- Yellow (9%)
- Blue (27%)



- Cyan (0%)
- Magenta (68%)
- Yellow (7%)
- Black (71%)





- Cyan (71%)
- Magenta (91%)
- Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 34.571, 330.753 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, 34.571, 330.753 by changing the saturation by 10% instead.

 18, 34.571,
330.753

 18, 34.571,
330.753

 100, 34.571,
330.753


 8, 34.571, 330.753


 38, 34.571,
330.753

 0, 34.571, 330.753

 48, 34.571,
330.753


 58, 34.571,
330.753


 68, 34.571,
330.753


 78, 34.571,
330.753


 88, 34.571,


330.753


 98, 34.571,
330.753


 18, 34.571,
330.753


 18, 34.571,
330.753


 17, 38.145,
331.221


 20, 30.293,
330.264


 16, 40.867,
331.667

 21, 25.497,
329.756

 15, 43.370,
332.092

 23, 20.356,
329.235

 15, 43.960,
332.183

 25, 15.017,
328.706

 27, 9.595, 328.173

■ 30, 4.174, 327.633

■ 32, 1.187, 147.271

■ 34, 6.449, 146.678

■ 37, 11.589,
146.189

Harmonies

Complementary

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



18, 34.571, 330.753



27, 35.120, 141.659

Rectangle

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



18, 34.571, 330.753



18, 34.571, 20.753



18, 34.571, 150.753



18, 34.571, 200.753

Sweetspot

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



18, 34.570, 330.753



35, 13.552, 328.335



12, 35.830, 301.455



16, 9.123, 328.407



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



18, 34.570, 330.753



23, 48.228, 331.511



17, 26.154, 356.527



13, 2.916, 327.676



22, 53.810, 332.371



53, 97.754, 332.716

Inverse Universe

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



18, 34.570, 330.753



23, 48.228, 331.511



28, 23.748, 161.356



13, 2.916, 327.676



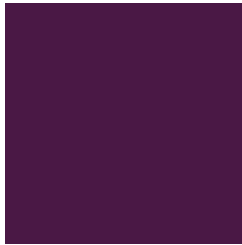
22, 53.810, 332.371



53, 97.754, 332.716

Previews

White Background



This preview shows how the CIELCh color 18, 34.571, 330.753 looks on a white background.

Color Contrast Check

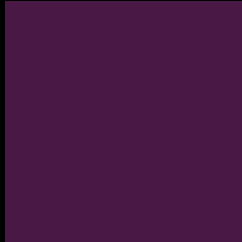
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIE LCh color 18, 34.571, 330.753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

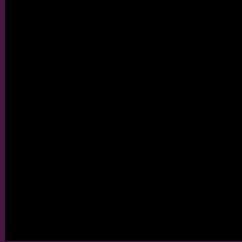
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 34.571, 330.753

Background



This preview shows how black text looks on a background with the CIELCh color 18, 34.571, 330.753.



This preview shows how white text looks on a background with the CIELCh color 18, 34.571, 330.753.

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, 34.571, 330.753

Protanopia

19, 29.715, 285.083

Deuteranopia

19, 14.625, 281.649



Tritanopia
18, 18.530, 20.218

Trichromacy



Original Color
18, 34.571, 330.753

Protanomaly
17, 29.797, 299.027

Deuteranomaly
17, 21.473, 308.903

Tritanomaly
18, 22.176, 353.161

Monochromacy



Original Color
18, 34.571, 330.753

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 13.733, 329.241

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 34.571, 330.753 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, 24, 69)` looks like.

```
.text, #text, p{  
    color:rgb(74, 24, 69)  
}
```

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, 24, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 24, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 34.571, 330.753 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, 24, 69) }
```

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

```
.border{ border-color:rgb(74, 24, 69) }
```

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

Here you see how a box with a 4 pixel rgb(74, 24, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 24, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 24, 69);  
box-shadow:4px 4px 4px 4px rgb(74, 24, 69)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 34.571, 330.753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 24, 69) }
```

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

```
.background{ background-color: rgb(74, 24,  
69) }
```

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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