

Converting Colors

CIELCh(18, 24.283, 355.734)

Have a look what the booklet for
CIELCh(18, 24.283, 355.734)
contains.

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Color

CIELCh(18, 24.283, 355.734)

Conversions

Conversions Part 1

Format	Color
Hex	4A1C2F
RGB	74, 28, 47
RGB Percent	29%, 11%, 18%
CMY	0.7087, 0.8891, 0.8147
CMYK	0.00, 0.62, 0.36, 0.71
HSL	335°, 45%, 20%
HSV	335°, 62%, 29%
XYZ	3.7865, 2.5180, 3.0031
YIQ	43.9200, 21.3170, 15.6610

Conversions

Conversions Part 2

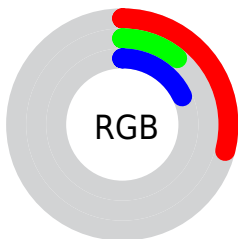
Format	Color
RYB	74, 28, 47
Decimal	4856879
CIELab	18.00, 24.22, -1.81
CIElCh	18, 24.283, 355.734
Yxy	2.5180, 0.4068, 0.2705
Android (android.graphics.Color)	4283046959 (0xFF4A1C2F)
YUV	43.9200, 1.5184, 26.3802
Hunter-Lab	15.8683, 14.8246, -0.1127

Details

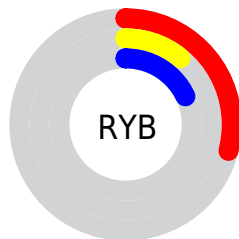
The CIELCh color **18, 24.283, 355.734** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **28, 22.077, 162.400**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 24.457, 355.599**, and **2, 10.621, 17.229** is the 20% darker color. If you saturate the color by 10%, you get **16, 27.597, 357.710**, and if you desaturate by 10%, it is **20, 20.583, 354.103**.

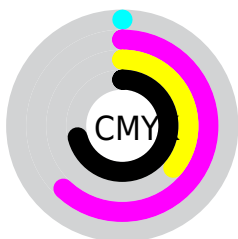
Distribution



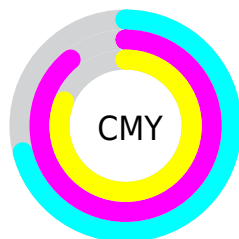
- Red (29%)
- Green (11%)
- Blue (18%)



- Red (29%)
- Yellow (11%)
- Blue (18%)



- Cyan (0%)
- Magenta (62%)
- Yellow (36%)
- Black (71%)





- Cyan (71%)
- Magenta (89%)
- Yellow (81%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 24.283, 355.734 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, 24.283, 355.734 by changing the saturation by 10% instead.

 18, 24.283,
355.734

 18, 24.283,
355.734


 100, 24.283,
355.734

 8, 24.283, 355.734


 38, 24.283,
355.734

 0, 24.283, 355.734

 48, 24.283,
355.734

 58, 24.283,
355.734

 68, 24.283,
355.734

 78, 24.283,
355.734

 88, 24.283,

355.734

98, 24.283,
355.734

18, 24.283,
355.734

18, 24.283,
355.734

16, 27.597,
357.710

20, 20.583,
354.103

15, 30.367, 0.136

22, 16.658,
352.728

14, 32.629, 2.980

24, 12.632,
351.545

13, 34.647, 5.033

26, 8.599, 350.507

29, 4.624, 349.573

31, 0.745, 348.511

■ 34, 3.015, 168.129

■ 36, 6.648, 167.411

■ 38, 10.152,
166.777

Harmonies

Complementary

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



18, 24.283, 355.734



28, 22.077, 162.400

Rectangle

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



18, 24.283, 355.734



18, 24.283, 45.734



18, 24.283, 175.734



18, 24.283, 225.734

Sweetspot

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



18, 24.282, 355.735



35, 9.254, 350.293



16, 33.003, 314.401



16, 6.293, 350.435



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, 24.282, 355.735



22, 34.838, 358.834



18, 23.019, 31.503



14, 2.203, 349.279



20, 43.083, 7.355



49, 78.257, 11.245

Inverse Universe

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



18, 24.282, 355.735



22, 34.838, 358.834



27, 14.880, 206.969



14, 2.203, 349.279



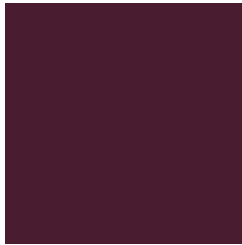
20, 43.083, 7.355



49, 78.257, 11.245

Previews

White Background



This preview shows how the CIE LCh color 18, 24.283, 355.734 looks on a white background.

Color Contrast Check

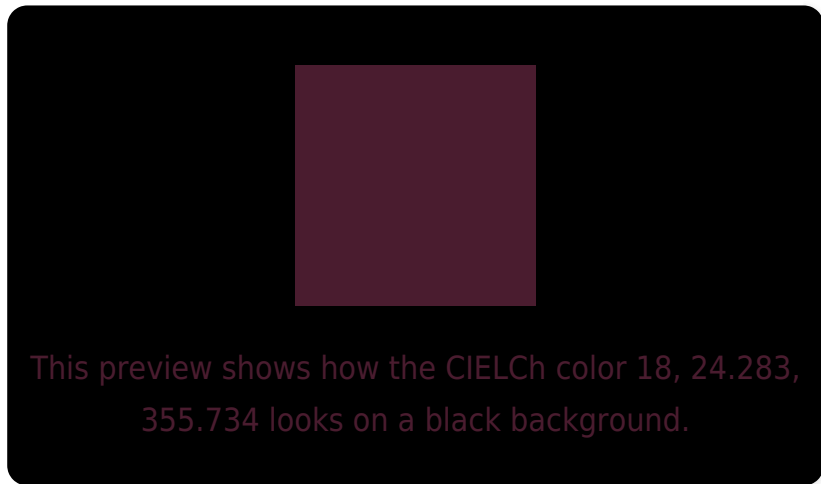
Large Text (above 18pt) WCAG AA ✓ Pass

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

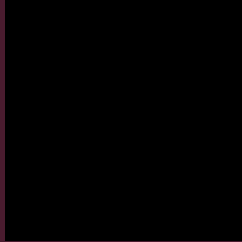
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 24.283, 355.734

Background



This preview shows how black text looks on a background with the CIELCh color 18, 24.283, 355.734.



This preview shows how white text looks on a background with the CIELCh color 18, 24.283, 355.734.

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, 24.283, 355.734

Protanopia

19, 8.992, 284.295

Deuteranopia

19, 2.495, 3.960



Tritanopia
18, 21.807, 22.022

Trichromacy



Original Color
18, 24.283, 355.734

Protanomaly
18, 12.386, 325.717

Deuteranomaly
18, 11.023, 352.465

Tritanomaly
18, 21.882, 11.895

Monochromacy



Original Color
18, 24.283, 355.734

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 9.481, 351.306

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 24.283, 355.734 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, 28, 47)` looks like.

```
.text, #text, p{  
    color:rgb(74, 28, 47)  
}
```

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, 28, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 28, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 24.283, 355.734 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, 28, 47) }
```

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

```
.border{ border-color:rgb(74, 28, 47) }
```

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

Here you see how a box with a 4 pixel rgb(74, 28, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 28, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 28, 47);  
box-shadow:4px 4px 4px 4px rgb(74, 28, 47)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 24.283, 355.734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 28, 47) }
```

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

```
.background{ background-color: rgb(74, 28,  
47) }
```

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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