

Converting Colors

CIELCh(18, 26.125, 340.291)

Have a look what the booklet for
CIELCh(18, 26.125, 340.291)
contains.

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Color

CIELCh(18, 25.942, 340.917)

Conversions

Conversions Part 1

Format	Color
Hex	481D39
RGB	72, 29, 57
RGB Percent	28%, 11%, 22%
CMY	0.7191, 0.8876, 0.7778
CMYK	0.00, 0.60, 0.21, 0.72
HSL	321°, 43%, 20%
HSV	321°, 60%, 28%
XYZ	3.8066, 2.5180, 4.1122
YIQ	45.0490, 16.6400, 17.8240

Conversions

Conversions Part 2

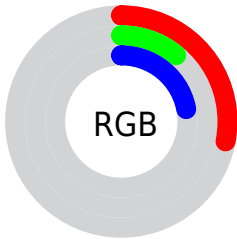
Format	Color
R_{YB}	72, 29, 57
Decimal	4726073
CIE Lab	18.00, 24.52, -8.48
CIE LCh	18, 25.942, 340.917
Yxy	2.5180, 0.3647, 0.2413
Android (android.graphics.Color)	4282916153 (0xFF481D39)
YUV	45.0490, 5.8918, 23.6360
Hunter-Lab	15.8683, 15.0500, -4.2570




Details

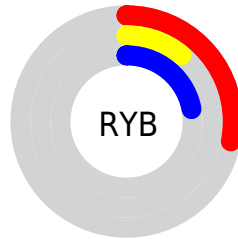
The CIELCh color **18, 25.942, 340.917** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **27, 25.598, 150.970**, and the grayscale version is **18, 0.003, 296.813**.




A 20% lighter version of the original color is **38, 25.929, 340.911**, and **2, 11.414, 351.471** is the 20% darker color. If you saturate the color by 10%, you get **16, 29.428, 341.977**, and if you desaturate by 10%, it is **20, 21.990, 339.976**.

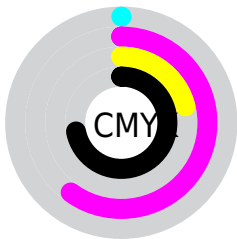
Distribution







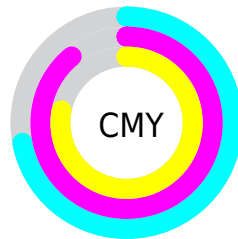
-  Red (28%)
-  Green (11%)
-  Blue (22%)






-  Red (28%)
-  Yellow (11%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (60%)
-  Yellow (21%)
-  Black (72%)





-  Cyan (72%)
-  Magenta (89%)
-  Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 25.942, 340.917 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, 25.942, 340.917 by changing the saturation by 10% instead.

 18, 25.942,
340.917


 18, 25.942,
340.917


 100, 25.942,
340.917


 8, 25.942, 340.917


 38, 25.942,
340.917

 0, 25.942, 340.917

 48, 25.942,
340.917


 58, 25.942,
340.917


 68, 25.942,
340.917


 78, 25.942,
340.917


 88, 25.942,


340.917


 98, 25.942,
340.917


 18, 25.942,
340.917


 18, 25.942,
340.917


 16, 29.428,
341.977


 20, 21.990,
339.976

 15, 32.274,
343.195


 22, 17.741,
339.124

 14, 34.412,
344.594

 24, 13.328,
338.339

 13, 36.637,
345.891

 26, 8.856, 337.608

 13, 36.640,
345.893

 28, 4.396, 336.911

 30, 0.004, 201.402

■ 33, 4.310, 155.755

■ 35, 8.509, 155.172

■ 37, 12.591,
154.634

Harmonies

Complementary

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



18, 25.942, 340.917



27, 25.598, 150.970

Rectangle

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



18, 25.942, 340.917



18, 25.942, 30.917



18, 25.942, 160.917



18, 25.942, 210.917

Sweetspot

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



18, 25.941, 340.918



35, 10.016, 337.519



15, 30.643, 306.871



17, 7.024, 337.637



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, 25.941, 340.918



22, 37.338, 342.559



17, 21.970, 13.570



13, 2.443, 336.813



20, 45.469, 347.044



50, 81.906, 348.982

Inverse Universe

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



18, 25.941, 340.918



22, 37.338, 342.559



27, 16.947, 180.725



13, 2.443, 336.813



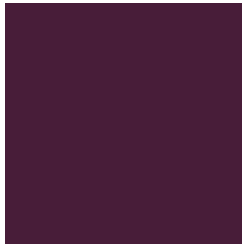
20, 45.469, 347.044



50, 81.906, 348.982

Previews

White Background



This preview shows how the CIELCh color 18, 25.942, 340.917 looks on a white background.

Color Contrast Check

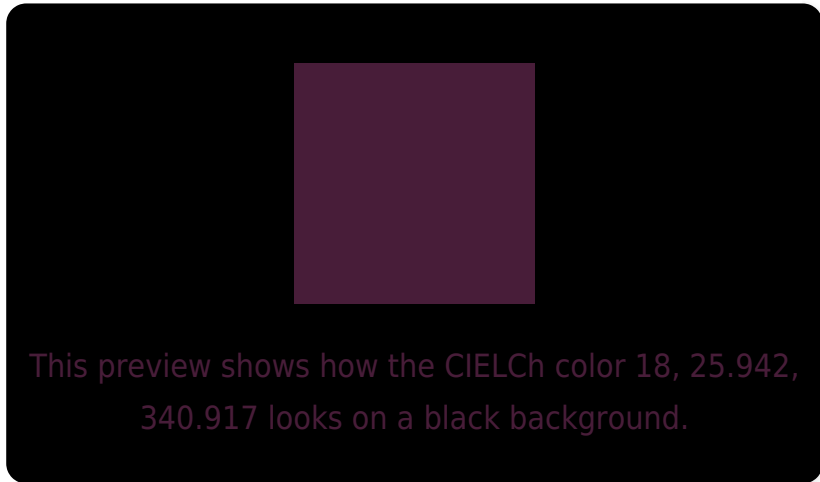
Large Text (above 18pt) WCAG AA ✓ Pass

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

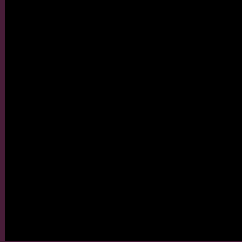
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 25.942, 340.917

Background



This preview shows how black text looks on a background with the CIELCh color 18, 25.942, 340.917.



This preview shows how white text looks on a background with the CIELCh color 18, 25.942, 340.917.

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, 25.942, 340.917

Protanopia

18, 16.665, 283.953

Deuteranopia

18, 6.917, 295.525



Tritanopia
18, 18.530, 20.218

Trichromacy



Original Color
18, 25.942, 340.917

Protanomaly
18, 18.644, 308.319

Deuteranomaly
18, 13.991, 325.865

Tritanomaly
18, 20.199, 1.896

Monochromacy



Original Color
18, 25.942, 340.917

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 10.177, 339.403

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 25.942, 340.917 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(72, 29, 57)` looks like.

```
.text, #text, p{  
    color:rgb(72, 29, 57)  
}
```

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(72, 29, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 29, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 25.942, 340.917 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(72, 29, 57) }
```

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

```
.border{ border-color:rgb(72, 29, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 29, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 29, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 29, 57);  
box-shadow:4px 4px 4px 4px rgb(72, 29, 57)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 25.942, 340.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 29, 57) }
```

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

```
.background{ background-color: rgb(72, 29,  
57) }
```

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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