

Converting Colors

CIELCh(18, 35.827, 348.284)

Have a look what the booklet for
CIELCh(18, 35.827, 348.284)
contains.

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Color

CIELCh(18, 35.593, 348.331)

Conversions

Conversions Part 1

Format	Color
Hex	540F37
RGB	84, 15, 55
RGB Percent	33%, 6%, 22%
CMY	0.6699, 0.9403, 0.7837
CMYK	0.00, 0.82, 0.34, 0.67
HSL	325°, 69%, 19%
HSV	325°, 82%, 33%
XYZ	4.5395, 2.5180, 3.8809
YIQ	40.1910, 28.2840, 27.0680

Conversions

Conversions Part 2

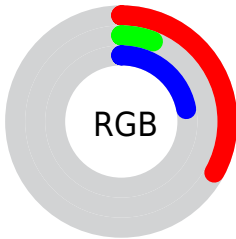
Format	Color
R_{YB}	84, 15, 55
Decimal	5508919
CIE _{Lab}	18.00, 34.86, -7.20
CIE _{LCh}	18, 35.593, 348.331
Yxy	2.5180, 0.4150, 0.2302
Android (android.graphics.Color)	4283698999 (0xFF540F37)
YUV	40.1910, 7.3008, 38.4205
Hunter-Lab	15.8683, 23.2941, -3.3928

Details

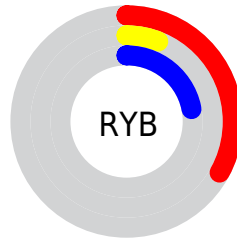
The CIELCh color **18, 35.593, 348.331** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **31, 35.617, 150.514**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 35.736, 347.801**, and **4, 18.210, 6.613** is the 20% darker color. If you saturate the color by 10%, you get **17, 37.597, 350.327**, and if you desaturate by 10%, it is **19, 32.733, 346.656**.

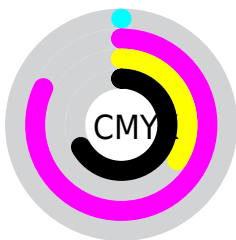
Distribution



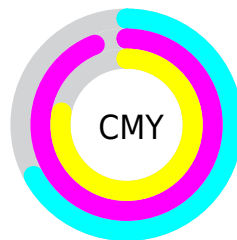
- Red (33%)
- Green (6%)
- Blue (22%)



- Red (33%)
- Yellow (6%)
- Blue (22%)



- Cyan (0%)
- Magenta (82%)
- Yellow (34%)
- Black (67%)





- Cyan (67%)
- Magenta (94%)
- Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 35.593, 348.331 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, 35.593, 348.331 by changing the saturation by 10% instead.

 18, 35.593,
348.331


 18, 35.593,
348.331


 100, 35.593,
348.331


 8, 35.593, 348.331


 38, 35.593,
348.331

 0, 35.593, 348.331

 48, 35.593,
348.331


 58, 35.593,
348.331


 68, 35.593,
348.331


 78, 35.593,
348.331


 88, 35.593,


348.331


 98, 35.593,
348.331


 18, 35.593,
348.331

 18, 35.593,
348.331


 17, 37.597,
350.327


 19, 32.733,
346.656

 16, 39.238,
351.880

 21, 29.090,
345.255

 23, 24.870,
344.056

 25, 20.273,
343.007

 28, 15.470,
342.070

■ 30, 10.587,
341.220

■ 33, 5.717, 340.430

■ 35, 0.918, 339.532

■ 38, 3.773, 159.144

Harmonies

Complementary

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



18, 35.593, 348.331



31, 35.617, 150.514

Rectangle

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



18, 35.593, 348.331



18, 35.593, 38.331



18, 35.593, 168.331



18, 35.593, 218.331

Sweetspot

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



18, 35.591, 348.332



38, 15.042, 341.545



13, 47.438, 310.417



18, 10.353, 341.727



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



18, 35.591, 348.332



23, 46.557, 352.554



17, 35.290, 26.588



16, 2.740, 340.190



22, 46.149, 352.926



51, 81.141, 355.282

Inverse Universe

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



18, 35.591, 348.332



23, 46.557, 352.554



32, 21.994, 186.749



16, 2.740, 340.190



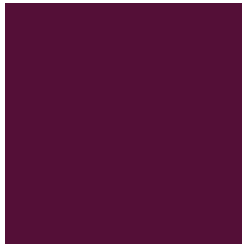
22, 46.149, 352.926



51, 81.141, 355.282

Previews

White Background



This preview shows how the CIELCh color 18, 35.593, 348.331 looks on a white background.

Color Contrast Check

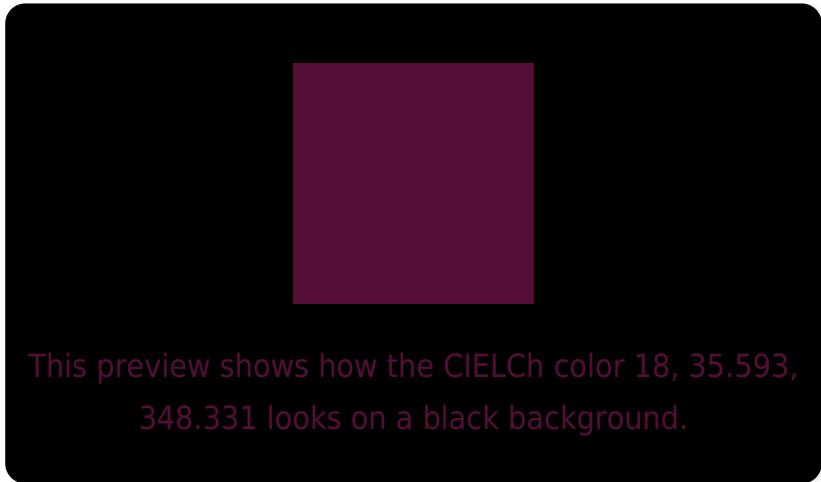
Large Text (above 18pt) WCAG AA ✓ Pass

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

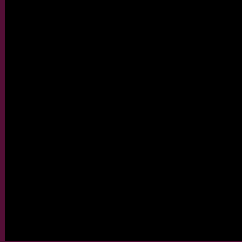
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 35.593, 348.331

Background



This preview shows how black text looks on a background with the CIELCh color 18, 35.593, 348.331.



This preview shows how white text looks on a background with the CIELCh color 18, 35.593, 348.331.

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, 35.593, 348.331

Protanopia

19, 20.721, 284.548

Deuteranopia

19, 5.016, 307.082



Tritanopia
18, 29.778, 26.008

Trichromacy



Original Color
18, 35.593, 348.331

Protanomaly
17, 24.625, 312.228

Deuteranomaly
17, 17.744, 336.983

Tritanomaly
18, 30.492, 10.678

Monochromacy



Original Color
18, 35.593, 348.331

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 15.569, 341.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 35.593, 348.331 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(84, 15, 55)` looks like.

```
.text, #text, p{  
    color:rgb(84, 15, 55)  
}
```

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(84, 15, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 15, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 35.593, 348.331 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(84, 15, 55) }
```

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

```
.border{ border-color:rgb(84, 15, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 15, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 15, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 15, 55);  
box-shadow:4px 4px 4px 4px rgb(84, 15, 55)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 35.593, 348.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 15, 55) }
```

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

```
.background{ background-color: rgb(84, 15,  
55) }
```

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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