

Converting Colors

CIELCh(18, 34.323, 350.707)

Have a look what the booklet for
CIELCh(18, 34.323, 350.707)
contains.

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Color

CIELCh(18, 34.287, 350.754)

Conversions

Conversions Part 1

Format	Color
Hex	541135
RGB	84, 17, 53
RGB Percent	33%, 7%, 21%
CMY	0.6717, 0.9345, 0.7931
CMYK	0.00, 0.80, 0.37, 0.67
HSL	328°, 67%, 20%
HSV	328°, 80%, 33%
XYZ	4.4636, 2.5180, 3.5896
YIQ	41.1370, 28.3760, 25.4000

Conversions

Conversions Part 2

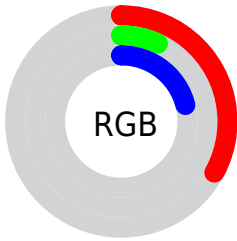
Format	Color
RYB	84, 17, 53
Decimal	5509429
CIELab	18.00, 33.84, -5.51
CIELCh	18, 34.287, 350.754
Yxy	2.5180, 0.4222, 0.2382
Android (android.graphics.Color)	4283699509 (0xFF541135)
YUV	41.1370, 5.8485, 37.5909
Hunter-Lab	15.8683, 22.4411, -2.3043

Details

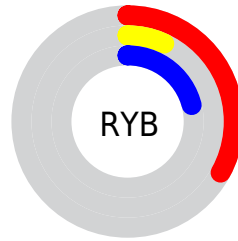
The CIELCh color **18, 34.287, 350.754** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **31, 33.568, 152.735**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 34.041, 350.230**, and **4, 17.967, 10.366** is the 20% darker color. If you saturate the color by 10%, you get **17, 36.424, 352.967**, and if you desaturate by 10%, it is **19, 31.287, 348.939**.

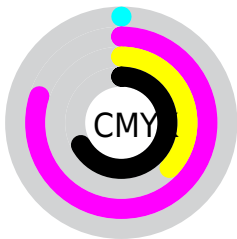
Distribution



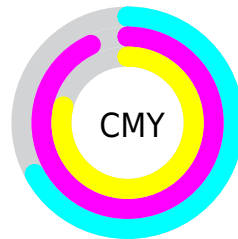
- Red (33%)
- Green (7%)
- Blue (21%)



- Red (33%)
- Yellow (7%)
- Blue (21%)



- Cyan (0%)
- Magenta (80%)
- Yellow (37%)
- Black (67%)





- Cyan (67%)
- Magenta (93%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 34.287, 350.754 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, 34.287, 350.754 by changing the saturation by 10% instead.

 18, 34.287,
350.754

 18, 34.287,
350.754


 100, 34.287,
350.754

 8, 34.287, 350.754


 38, 34.287,
350.754

 0, 34.287, 350.754

 48, 34.287,
350.754

 58, 34.287,
350.754


 68, 34.287,
350.754


 78, 34.287,
350.754


 88, 34.287,


350.754


 98, 34.287,
350.754


 18, 34.287,
350.754


 18, 34.287,
350.754


 17, 36.424,
352.967


 19, 31.287,
348.939

 16, 38.470,
355.147

 21, 27.575,
347.431

 23, 23.354,
346.152

 26, 18.814,
345.042

 28, 14.112,
344.059

■ 30, 9.366, 343.173

■ 33, 4.654, 342.351

■ 36, 0.029, 334.494

■ 38, 4.479, 161.033

Harmonies

Complementary

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



18, 34.287, 350.754



31, 33.568, 152.735

Rectangle

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



18, 34.287, 350.754



18, 34.287, 40.754



18, 34.287, 170.754



18, 34.287, 220.754

Sweetspot

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



18, 34.285, 350.755



39, 14.049, 343.587



13, 46.179, 311.198



18, 9.740, 343.787



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, 34.285, 350.755



23, 45.476, 355.424



17, 34.904, 28.212



15, 2.529, 342.240



21, 44.698, 356.269



50, 79.428, 359.058

Inverse Universe

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



18, 34.285, 350.755



23, 45.476, 355.424



32, 21.135, 190.663



15, 2.529, 342.240



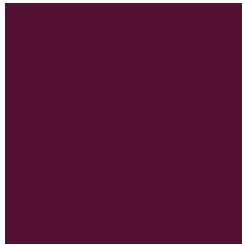
21, 44.698, 356.269



50, 79.428, 359.058

Previews

White Background



This preview shows how the CIE LCh color 18, 34.287, 350.754 looks on a white background.

Color Contrast Check

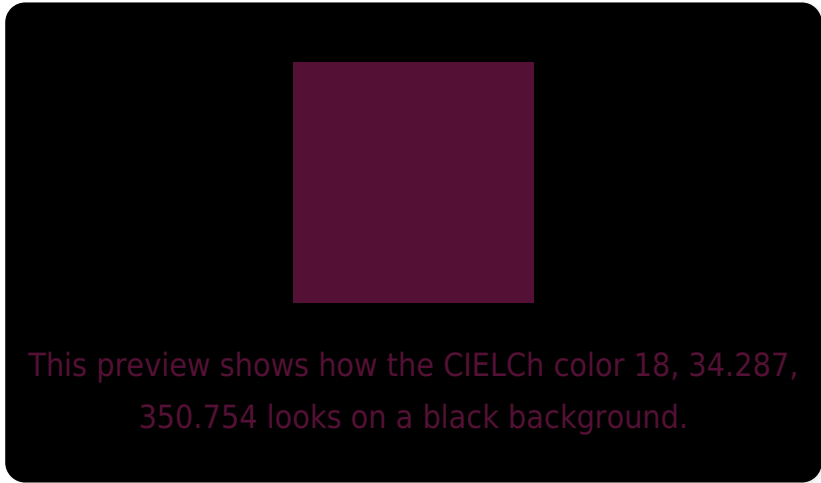
Large Text (above 18pt) WCAG AA ✓ Pass

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

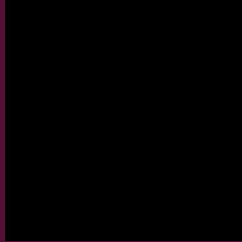
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 34.287, 350.754

Background



This preview shows how black text looks on a background with the CIELCh color 18, 34.287, 350.754.



This preview shows how white text looks on a background with the CIELCh color 18, 34.287, 350.754.

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, 34.287, 350.754

Protanopia

19, 18.650, 284.630

Deuteranopia

19, 3.335, 324.783



Tritanopia
18, 30.009, 27.224

Trichromacy



Original Color
18, 34.287, 350.754

Protanomaly
17, 22.051, 314.291

Deuteranomaly
18, 16.091, 344.224

Tritanomaly
18, 30.127, 12.577

Monochromacy



Original Color
18, 34.287, 350.754

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 14.787, 346.168

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 34.287, 350.754 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, 17, 53)` looks like.

```
.text, #text, p{  
    color:rgb(84, 17, 53)  
}
```

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, 17, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 17, 53) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 34.287, 350.754 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, 17, 53) }
```

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

```
.border{ border-color:rgb(84, 17, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 17, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 17, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 17, 53);  
box-shadow:4px 4px 4px 4px rgb(84, 17, 53)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 18, 34.287, 350.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 17, 53) }
```

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

```
.background{ background-color: rgb(84, 17,  
53) }
```

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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