

Converting Colors

CIELCh(19, 35.042, 352.322)

Have a look what the booklet for
CIELCh(19, 35.042, 352.322)
contains.

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Color

CIELCh(19, 35.128, 352.431)

Conversions

Conversions Part 1

Format	Color
Hex	581236
RGB	88, 18, 54
RGB Percent	35%, 7%, 21%
CMY	0.6561, 0.9306, 0.7892
CMYK	0.00, 0.80, 0.39, 0.66
HSL	329°, 66%, 21%
HSV	329°, 80%, 34%
XYZ	4.8680, 2.7468, 3.7329
YIQ	43.0340, 30.1640, 26.0360

Conversions

Conversions Part 2

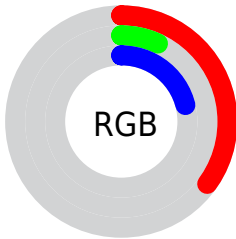
Format	Color
R_{YB}	88, 18, 54
Decimal	5771830
CIE Lab	19.00, 34.82, -4.63
CIE LCh	19, 35.128, 352.431
Yxy	2.7468, 0.4290, 0.2421
Android (android.graphics.Color)	4283961910 (0xFF581236)
YUV	43.0340, 5.4062, 39.4352
Hunter-Lab	16.5735, 23.4257, -1.7526

Details

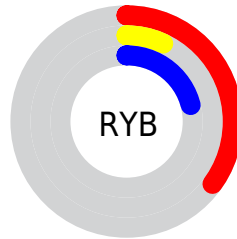
The CIELCh color **19, 35.128, 352.431** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **32, 34.025, 153.803**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 35.278, 352.098**, and **5, 21.126, 9.867** is the 20% darker color. If you saturate the color by 10%, you get **18, 37.323, 354.837**, and if you desaturate by 10%, it is **21, 32.031, 350.477**.

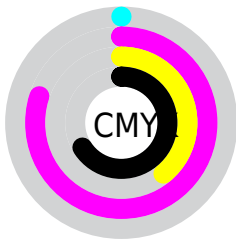
Distribution



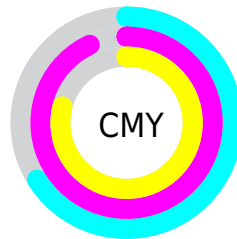
- Red (35%)
- Green (7%)
- Blue (21%)



- Red (35%)
- Yellow (7%)
- Blue (21%)



- Cyan (0%)
- Magenta (80%)
- Yellow (39%)
- Black (66%)





- Cyan (66%)
- Magenta (93%)
- Yellow (79%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 35.128, 352.431 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 19, 35.128, 352.431 by changing the saturation by 10% instead.

 19, 35.128,
352.431


 19, 35.128,
352.431


 100, 35.128,
352.431


 9, 35.128, 352.431


 39, 35.128,
352.431

 0, 35.128, 352.431

 49, 35.128,
352.431


 59, 35.128,
352.431


 69, 35.128,
352.431


 79, 35.128,
352.431


 89, 35.128,


352.431


 99, 35.128,
352.431

 19, 35.128,
352.431


 19, 35.128,
352.431


 18, 37.323,
354.837


 21, 32.031,
350.477


 17, 39.355,
357.283

 22, 28.202,
348.867

 17, 39.392,
357.322

 25, 23.853,
347.511

 27, 19.181,
346.343

 29, 14.351,
345.316

■ 32, 9.482, 344.395

■ 35, 4.656, 343.546

■ 37, 0.074, 165.835

■ 40, 4.678, 162.194

Harmonies

Complementary

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



19, 35.128, 352.431



32, 34.025, 153.803

Rectangle

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



19, 35.128, 352.431



19, 35.128, 42.431



19, 35.128, 172.431



19, 35.128, 222.431

Sweetspot

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



19, 35.126, 352.432



40, 14.371, 344.841



15, 47.728, 312.072



19, 9.965, 345.059



76, 0.009, 296.813



25, 0.004, 296.813

Same Dimension

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



19, 35.126, 352.432



24, 46.640, 357.537



18, 36.816, 30.492



16, 2.621, 343.456



22, 45.139, 358.378



51, 79.671, 1.274

Inverse Universe

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



19, 35.126, 352.432



24, 46.640, 357.537



33, 21.407, 194.585



16, 2.621, 343.456



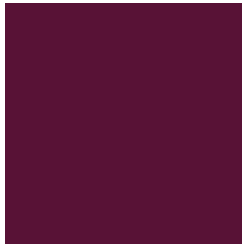
22, 45.139, 358.378



51, 79.671, 1.274

Previews

White Background



This preview shows how the CIE LCh color 19, 35.128, 352.431 looks on a white background.

Color Contrast Check

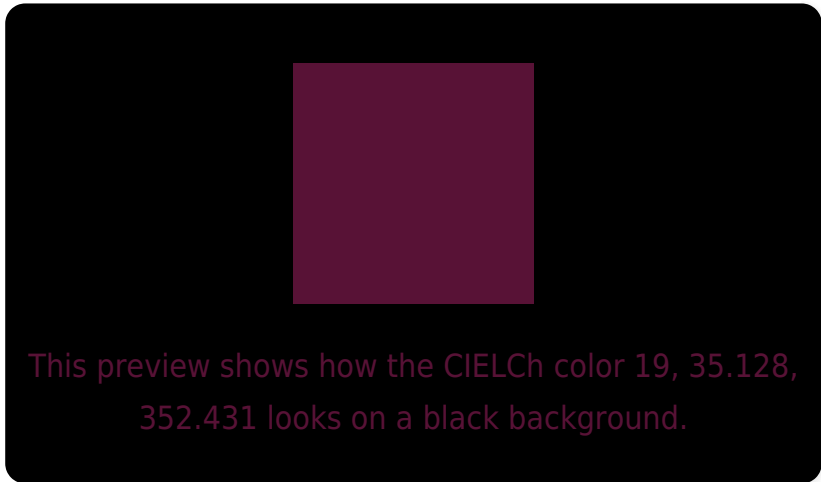
Large Text (above 18pt) WCAG AA ✓ Pass

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

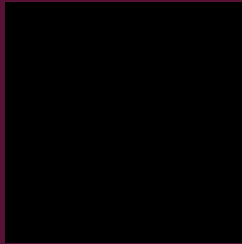
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 35.128, 352.431

Background



This preview shows how black text looks on a background with the CIELCh color 19, 35.128, 352.431.



This preview shows how white text looks on a background with the CIELCh color 19, 35.128, 352.431.

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

19, 35.128, 352.431

Protanopia

20, 17.833, 284.866

Deuteranopia

20, 3.118, 339.193



Tritanopia
19, 31.376, 27.480

Trichromacy



Original Color
19, 35.128, 352.431

Protanomaly
18, 22.342, 317.438

Deuteranomaly
18, 16.754, 346.519

Tritanomaly
19, 31.372, 13.595

Monochromacy



Original Color
19, 35.128, 352.431

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 14.710, 346.046

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 35.128, 352.431 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(88, 18, 54)` looks like.

```
.text, #text, p{  
    color:rgb(88, 18, 54)  
}
```

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(88, 18, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 18, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 35.128, 352.431 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(88, 18, 54) }
```

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

```
.border{ border-color:rgb(88, 18, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 18, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 18, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 18, 54);  
box-shadow:4px 4px 4px 4px rgb(88, 18, 54)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 35.128, 352.431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 18, 54) }
```

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

```
.background{ background-color: rgb(88, 18,  
54) }
```

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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