

Converting Colors

CIELCh(19, 41.117, 341.393)

Have a look what the booklet for
CIELCh(19, 41.117, 341.393)
contains.

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Color

CIELCh(19, 41.194, 341.435)

Conversions

Conversions Part 1

Format	Color
Hex	590B42
RGB	89, 11, 66
RGB Percent	35%, 4%, 26%
CMY	0.6514, 0.9574, 0.7415
CMYK	0.00, 0.88, 0.26, 0.65
HSL	318°, 78%, 20%
HSV	318°, 88%, 35%
XYZ	5.2082, 2.7468, 5.3954
YIQ	40.5920, 28.8330, 33.6410

Conversions

Conversions Part 2

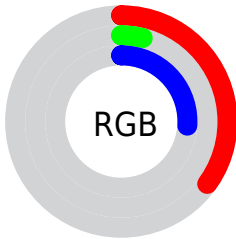
Format	Color
RYB	89, 11, 66
Decimal	5835586
CIELab	19.00, 39.05, -13.12
CIELCh	19, 41.194, 341.435
Yxy	2.7468, 0.3901, 0.2057
Android (android.graphics.Color)	4284025666 (0xFF590B42)
YUV	40.5920, 12.5261, 42.4538
Hunter-Lab	16.5735, 27.0897, -7.7001

Details

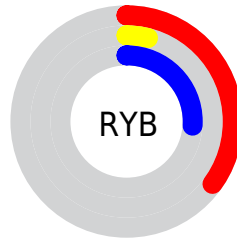
The CIELCh color **19, 41.194, 341.435** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **33, 43.474, 144.431**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 40.930, 341.605**, and **5, 23.480, 349.289** is the 20% darker color. If you saturate the color by 10%, you get **18, 43.087, 342.722**, and if you desaturate by 10%, it is **20, 38.732, 340.224**.

Distribution



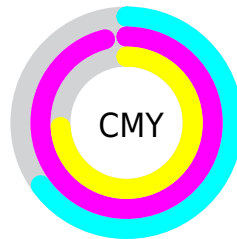
- Red (35%)
- Green (4%)
- Blue (26%)



- Red (35%)
- Yellow (4%)
- Blue (26%)



- Cyan (0%)
- Magenta (88%)
- Yellow (26%)
- Black (65%)




- Cyan (65%)
- Magenta (96%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 41.194, 341.435 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, 41.194, 341.435 by changing the saturation by 10% instead.

 19, 41.194,
341.435

 19, 41.194,
341.435


 100, 41.194,
341.435


 9, 41.194, 341.435

 39, 41.194,
341.435

 0, 41.194, 341.435

 49, 41.194,
341.435

 59, 41.194,
341.435


 69, 41.194,
341.435

 79, 41.194,
341.435


 89, 41.194,

341.435


 99, 41.194,
341.435


 19, 41.194,
341.435


 19, 41.194,
341.435


 18, 43.087,
342.722


 20, 38.732,
340.224

 18, 43.538,
342.993

 22, 35.252,
339.174

 24, 30.954,
338.241

 26, 26.066,
337.394

 28, 20.799,
336.610

■ 30, 15.327,
335.876

■ 33, 9.781, 335.182

■ 36, 4.254, 334.508

■ 38, 1.194, 154.094

Harmonies

Complementary

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



19, 41.194, 341.435



33, 43.474, 144.431

Rectangle

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



19, 41.194, 341.435



19, 41.194, 31.435



19, 41.194, 161.435



19, 41.194, 211.435

Sweetspot

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



19, 41.192, 341.435



40, 17.702, 335.808



11, 53.239, 307.802



19, 12.097, 335.961



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, 41.192, 341.435



24, 51.788, 343.608



18, 37.039, 18.961



16, 2.998, 334.574



22, 49.383, 343.453



52, 86.717, 344.816

Inverse Universe

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



19, 41.192, 341.435



24, 51.788, 343.608



33, 26.928, 172.493



16, 2.998, 334.574



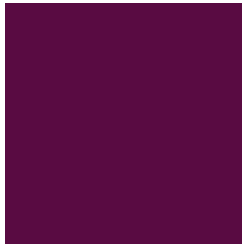
22, 49.383, 343.453



52, 86.717, 344.816

Previews

White Background



This preview shows how the CIE LCh color 19, 41.194, 341.435 looks on a white background.

Color Contrast Check

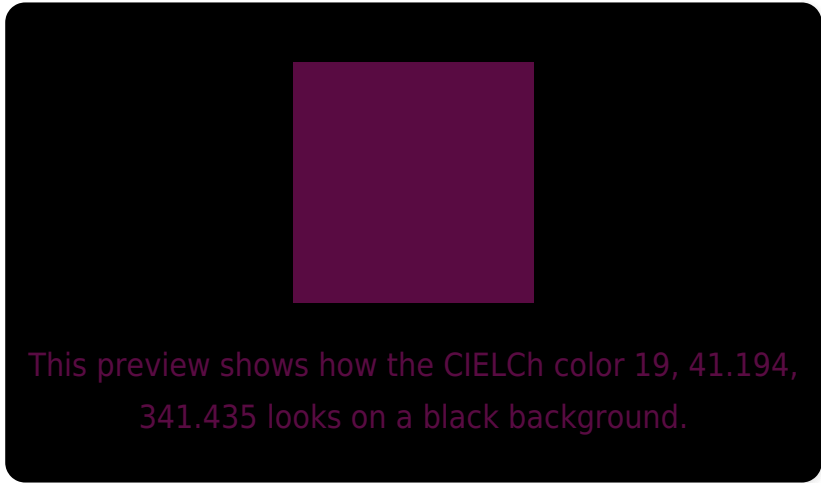
Large Text (above 18pt) WCAG AA ✓ Pass

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

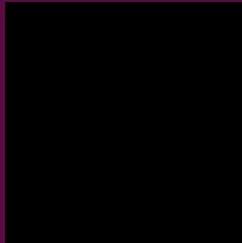
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 41.194, 341.435

Background



This preview shows how black text looks on a background with the CIELCh color 19, 41.194, 341.435.



This preview shows how white text looks on a background with the CIELCh color 19, 41.194, 341.435.

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, 41.194, 341.435

Protanopia

20, 30.759, 285.395

Deuteranopia

20, 9.522, 289.869



Tritanopia
19, 30.571, 25.973

Trichromacy



Original Color
19, 41.194, 341.435

Protanomaly
17, 34.061, 305.559

Deuteranomaly
18, 22.936, 325.567

Tritanomaly
19, 32.081, 6.393

Monochromacy



Original Color
19, 41.194, 341.435

Achromatopsia
16, 0.003, 296.813

Achromatomaly
15, 18.943, 338.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 41.194, 341.435 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(89, 11, 66)` looks like.

```
.text, #text, p{  
    color:rgb(89, 11, 66)  
}
```

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(89, 11, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 11, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 41.194, 341.435 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(89, 11, 66) }
```

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

```
.border{ border-color:rgb(89, 11, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 11, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 11, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 11, 66);  
box-shadow:4px 4px 4px 4px rgb(89, 11, 66)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 41.194, 341.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 11, 66) }
```

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

```
.background{ background-color: rgb(89, 11,  
66) }
```

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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