

Converting Colors

CIELCh(19, 32.326, 353.552)

Have a look what the booklet for
CIELCh(19, 32.326, 353.552)
contains.

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Color

CIELCh(19, 32.115, 353.901)

Conversions

Conversions Part 1

Format	Color
Hex	551634
RGB	85, 22, 52
RGB Percent	33%, 9%, 20%
CMY	0.6669, 0.9140, 0.7963
CMYK	0.00, 0.74, 0.39, 0.67
HSL	331°, 59%, 21%
HSV	331°, 74%, 33%
XYZ	4.6443, 2.7468, 3.5274
YIQ	44.2570, 27.9180, 22.6860

Conversions

Conversions Part 2

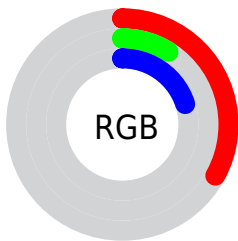
Format	Color
RYB	85, 22, 52
Decimal	5576244
CIELab	19.00, 31.93, -3.41
CIELCh	19, 32.115, 353.901
Yxy	2.7468, 0.4254, 0.2516
Android (android.graphics.Color)	4283766324 (0xFF551634)
YUV	44.2570, 3.8173, 35.7316
Hunter-Lab	16.5735, 21.0166, -1.0174

Details

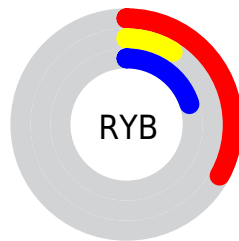
The CIELCh color **19, 32.115, 353.901** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **32, 30.218, 156.798**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 32.155, 353.865**, and **4, 19.459, 13.514** is the 20% darker color. If you saturate the color by 10%, you get **18, 34.826, 356.235**, and if you desaturate by 10%, it is **21, 28.649, 352.006**.

Distribution



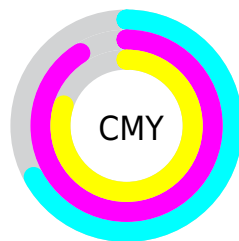
- Red (33%)
- Green (9%)
- Blue (20%)



- Red (33%)
- Yellow (9%)
- Blue (20%)



- Cyan (0%)
- Magenta (74%)
- Yellow (39%)
- Black (67%)





- Cyan (67%)
- Magenta (91%)
- Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 19, 32.115, 353.901 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, 32.115, 353.901 by changing the saturation by 10% instead.


 19, 32.115,
353.901


 19, 32.115,
353.901


 100, 32.115,
353.901


 9, 32.115, 353.901


 39, 32.115,
353.901

 0, 32.115, 353.901

 49, 32.115,
353.901


 59, 32.115,
353.901


 69, 32.115,
353.901


 79, 32.115,
353.901


 89, 32.115,

353.901


 99, 32.115,
353.901


 19, 32.115,
353.901

 19, 32.115,
353.901


 18, 34.826,
356.235


 21, 28.649,
352.006


 17, 36.885,
358.963

 23, 24.626,
350.436

 16, 38.192, 0.449

 25, 20.241,
349.109

 27, 15.661,
347.962

 30, 11.017,
346.951

■ 32, 6.398, 346.040

■ 35, 1.862, 345.145

■ 38, 2.556, 164.614

■ 40, 6.839, 163.881

Harmonies

Complementary

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



19, 32.115, 353.901



32, 30.218, 156.798

Rectangle

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



19, 32.115, 353.901



19, 32.115, 43.901



19, 32.115, 173.901



19, 32.115, 223.901

Sweetspot

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



19, 32.113, 353.902



39, 12.367, 346.814



16, 43.545, 312.845



19, 8.386, 346.958



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



19, 32.113, 353.902



23, 43.424, 358.430



18, 33.149, 30.548



16, 2.554, 345.574



21, 44.772, 1.829



50, 79.297, 5.034

Inverse Universe

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



19, 32.113, 353.902



23, 43.424, 358.430



32, 19.606, 198.721



16, 2.554, 345.574



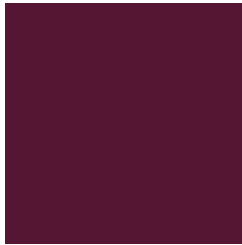
21, 44.772, 1.829



50, 79.297, 5.034

Previews

White Background



This preview shows how the CIE LCh color 19, 32.115, 353.901 looks on a white background.

Color Contrast Check

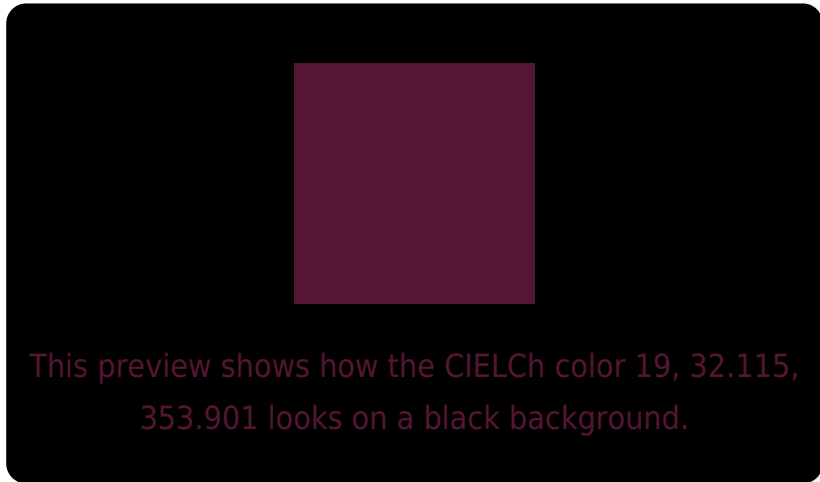
Large Text (above 18pt) WCAG AA ✓ Pass

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

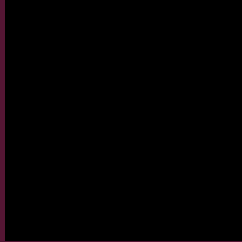
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 32.115, 353.901

Background



This preview shows how black text looks on a background with the CIELCh color 19, 32.115, 353.901.



This preview shows how white text looks on a background with the CIELCh color 19, 32.115, 353.901.

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, 32.115, 353.901

Protanopia

20, 14.427, 284.300

Deuteranopia

20, 3.499, 344.416



Tritanopia
19, 28.538, 25.096

Trichromacy



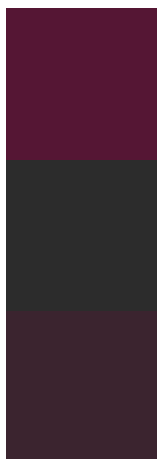
Original Color
19, 32.115, 353.901

Protanomaly
18, 18.380, 320.039

Deuteranomaly
19, 15.334, 348.339

Tritanomaly
19, 28.778, 13.100

Monochromacy



Original Color
19, 32.115, 353.901

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 13.211, 348.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 32.115, 353.901 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(85, 22, 52)` looks like.

```
.text, #text, p{  
    color:rgb(85, 22, 52)  
}
```

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(85, 22, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 22, 52) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 32.115, 353.901 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(85, 22, 52) }
```

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

```
.border{ border-color:rgb(85, 22, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 22, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 22, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 22, 52);  
box-shadow:4px 4px 4px 4px rgb(85, 22, 52)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 32.115, 353.901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 22, 52) }
```

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

```
.background{ background-color: rgb(85, 22,  
52) }
```

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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