

Converting Colors

CIELCh(8, 79.617, 344.076)

Have a look what the booklet for
CIELCh(8, 79.617, 344.076) contains.

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Color

CIELCh(19, 42.147, 352.758)

Conversions

Conversions Part 1

Format	Color
Hex	5F0137
RGB	95, 1, 55
RGB Percent	37%, 0%, 22%
CMY	0.6269, 0.9945, 0.7845
CMYK	0.00, 0.99, 0.42, 0.63
HSL	326°, 97%, 19%
HSV	326°, 99%, 37%
XYZ	5.4386, 2.7468, 3.8524
YIQ	35.2620, 38.6900, 36.7220

Conversions

Conversions Part 2

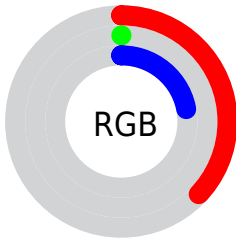
Format	Color
R_{YB}	95, 1, 55
Decimal	6226231
CIE _{Lab}	19.00, 41.81, -5.31
CIE _{LCh}	19, 42.147, 352.758
Yxy	2.7468, 0.4518, 0.2282
Android (android.graphics.Color)	4284416311 (0xFF5F0137)
YUV	35.2620, 9.7308, 52.3902
Hunter-Lab	16.5735, 29.5714, -2.1801

Details

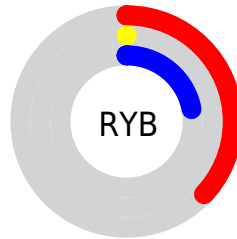
The CIELCh color **19, 42.147, 352.758** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **35, 44.390, 147.660**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 42.312, 352.202**, and **6, 24.431, 11.431** is the 20% darker color. If you saturate the color by 10%, you get **19, 42.436, 353.075**, and if you desaturate by 10%, it is **20, 40.349, 350.523**.

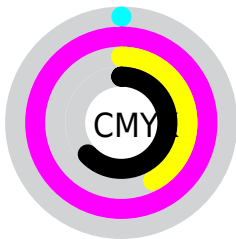
Distribution



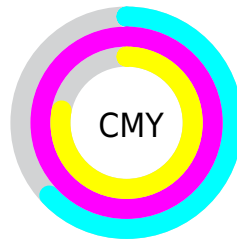
- Red (37%)
- Green (0%)
- Blue (22%)



- Red (37%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (99%)
- Yellow (42%)
- Black (63%)




- Cyan (63%)
- Magenta (99%)
- Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 42.147, 352.758 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, 42.147, 352.758 by changing the saturation by 10% instead.

 19, 42.147,
352.758

 19, 42.147,
352.758


 100, 42.147,
352.758


 9, 42.147, 352.758

 39, 42.147,
352.758

 0, 42.147, 352.758

 49, 42.147,
352.758

 59, 42.147,
352.758


 69, 42.147,
352.758

 79, 42.147,
352.758


 89, 42.147,


352.758

 99, 42.147,
352.758


 19, 42.147,
352.758


 19, 42.147,
352.758

 19, 42.436,
353.075

 20, 40.349,
350.523

 21, 38.011,
348.478

 23, 34.646,
346.804

 25, 30.454,
345.404

 27, 25.675,
344.206

■ 30, 20.530,
343.157

■ 32, 15.201,
342.220

■ 35, 9.819, 341.367

■ 38, 4.478, 340.567

Harmonies

Complementary

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



19, 42.147, 352.758



35, 44.390, 147.660

Rectangle

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



19, 42.147, 352.758



19, 42.147, 42.758



19, 42.147, 172.758



19, 42.147, 222.758

Sweetspot

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



19, 42.145, 352.759



42, 20.022, 342.439



11, 60.461, 310.805



20, 13.770, 342.708



77, 0.009, 296.813



27, 0.004, 296.813

Same Dimension

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



19, 42.145, 352.759



26, 51.199, 354.182



18, 45.494, 31.515



18, 2.995, 340.598



23, 47.497, 353.770



52, 82.214, 356.053

Inverse Universe

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



19, 42.145, 352.759



26, 51.199, 354.182



36, 25.967, 185.251



18, 2.995, 340.598



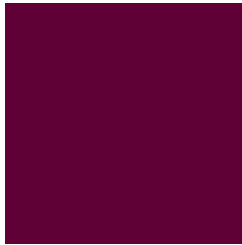
23, 47.497, 353.770



52, 82.214, 356.053

Previews

White Background



This preview shows how the CIE LCh color 19, 42.147, 352.758 looks on a white background.

Color Contrast Check

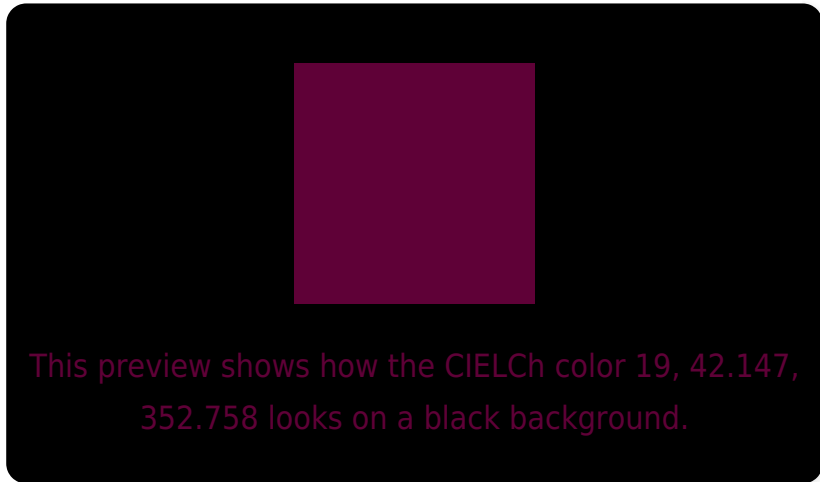
Large Text (above 18pt) WCAG AA ✓ Pass

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

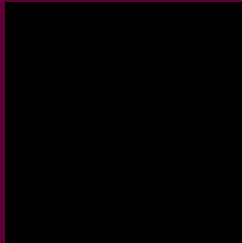
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 42.147, 352.758

Background



This preview shows how black text looks on a background with the CIELCh color 19, 42.147, 352.758.



This preview shows how white text looks on a background with the CIELCh color 19, 42.147, 352.758.

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, 42.241, 352.583

Protanopia

21, 20.436, 284.913

Deuteranopia

21, 3.477, 344.390



Tritanopia
20, 37.247, 30.720

Trichromacy



Original Color
19, 42.241, 352.583

Protanomaly
17, 27.999, 318.081

Deuteranomaly
18, 21.968, 345.718

Tritanomaly
19, 37.196, 15.772

Monochromacy



Original Color
19, 42.241, 352.583

Achromatopsia
14, 0.003, 296.813

Achromatomaly
14, 20.926, 345.043

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 42.147, 352.758 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(95, 1, 55)` looks like.

```
.text, #text, p{  
    color:rgb(95, 1, 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(95, 1, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 1, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 42.147, 352.758 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(95, 1, 55) }
```

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

```
.border{ border-color:rgb(95, 1, 55) }
```

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

Here you see how a box with a 4 pixel rgb(95, 1, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 1, 55); -webkit-box-shadow:4px  
4px 4px 4px rgb(95, 1, 55); box-shadow:4px  
4px 4px 4px rgb(95, 1, 55) }
```

Background

The CSS property to change the background color of an element to CIELCh 19, 42.147, 352.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 1, 55) }
```

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

```
.background{ background-color: rgb(95, 1,  
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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