

Converting Colors

CIELCh(5, 92.303, 342.393)

Have a look what the booklet for
CIELCh(5, 92.303, 342.393) contains.

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Color

CIELCh(19, 42.725, 351.606)

Conversions

Conversions Part 1

Format	Color
Hex	5F0038
RGB	95, 0, 56
RGB Percent	37%, 0%, 22%
CMY	0.6262, 0.9984, 0.7793
CMYK	0.00, 1.00, 0.41, 0.63
HSL	325°, 99%, 19%
HSV	325°, 100%, 37%
XYZ	5.4774, 2.7468, 4.0173
YIQ	34.7890, 38.6440, 37.5560

Conversions

Conversions Part 2

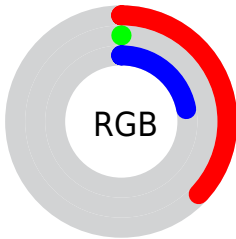
Format	Color
R_{YB}	95, 0, 56
Decimal	6225976
CIE _{Lab}	19.00, 42.27, -6.24
CIE _{LCh}	19, 42.725, 351.606
Yxy	2.7468, 0.4474, 0.2244
Android (android.graphics.Color)	4284416056 (0xFF5F0038)
YUV	34.7890, 10.4570, 52.8050
Hunter-Lab	16.5735, 29.9888, -2.7701

Details

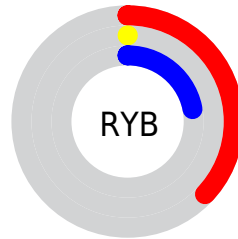
The CIELCh color **19, 42.725, 351.606** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **35, 45.498, 146.744**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 42.526, 351.458**, and **6, 24.470, 9.508** is the 20% darker color. If you saturate the color by 10%, you get **19, 42.805, 351.691**, and if you desaturate by 10%, it is **20, 40.922, 349.509**.

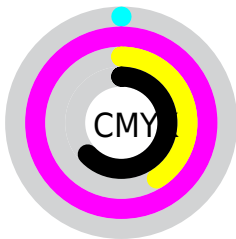
Distribution



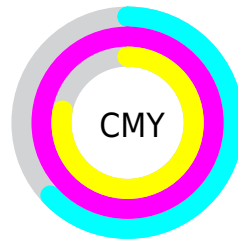
- Red (37%)
- Green (0%)
- Blue (22%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (41%)
- Black (63%)



- Cyan (63%)
- Magenta (100%)
- Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 42.725, 351.606 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, 42.725, 351.606 by changing the saturation by 10% instead.

 19, 42.725,
351.606

 19, 42.725,
351.606

 100, 42.725,
351.606

 9, 42.725, 351.606

 39, 42.725,
351.606

 0, 42.725, 351.606

 49, 42.725,
351.606

 59, 42.725,
351.606

 69, 42.725,
351.606


 79, 42.725,
351.606


 89, 42.725,


351.606


 99, 42.725,
351.606


 19, 42.725,
351.606


 19, 42.725,
351.606


 19, 42.805,
351.691

 20, 40.922,
349.509

 21, 38.706,
347.532

 23, 35.428,
345.909

 25, 31.285,
344.548

 27, 26.518,
343.379

■ 29, 21.352,
342.352

■ 32, 15.976,
341.432

■ 35, 10.530,
340.593

■ 38, 5.111, 339.807

Harmonies

Complementary

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



19, 42.725, 351.606



35, 45.498, 146.744

Rectangle

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



19, 42.725, 351.606



19, 42.725, 41.606



19, 42.725, 171.606



19, 42.725, 221.606

Sweetspot

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



19, 42.723, 351.607



42, 20.249, 341.552



11, 61.309, 310.540



20, 13.924, 341.814



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, 42.723, 351.607



26, 51.567, 352.723



18, 45.631, 30.935



18, 3.031, 339.753



23, 47.844, 352.336



52, 82.758, 354.482

Inverse Universe

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



19, 42.723, 351.607



26, 51.567, 352.723



36, 26.556, 183.109



18, 3.031, 339.753



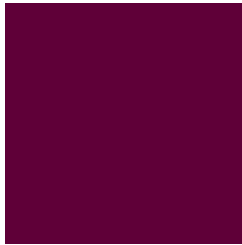
23, 47.844, 352.336



52, 82.758, 354.482

Previews

White Background



This preview shows how the CIE LCh color 19, 42.725, 351.606 looks on a white background.

Color Contrast Check

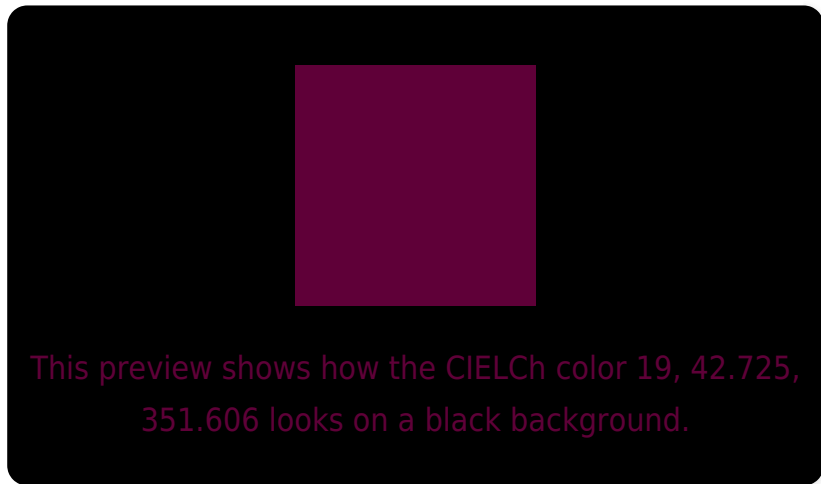
Large Text (above 18pt) WCAG AA ✓ Pass

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

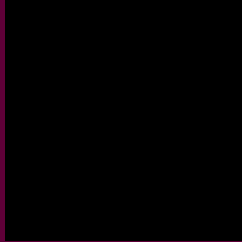
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 42.725, 351.606

Background



This preview shows how black text looks on a background with the CIELCh color 19, 42.725, 351.606.



This preview shows how white text looks on a background with the CIELCh color 19, 42.725, 351.606.

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, 42.725, 351.606

Protanopia
21, 21.783, 285.123

Deuteranopia
21, 3.099, 339.173



Tritanopia
20, 36.966, 29.806

Trichromacy



Original Color
19, 42.725, 351.606

Protanomaly
17, 29.913, 317.311

Deuteranomaly
18, 22.660, 342.802

Tritanomaly
19, 37.366, 14.376

Monochromacy



Original Color
19, 42.725, 351.606

Achromatopsia
14, 0.003, 296.813

Achromatomaly
13, 21.305, 343.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 42.725, 351.606 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, 0, 56)` looks like.

```
.text, #text, p{  
    color:rgb(95, 0, 56)  
}
```

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, 0, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 0, 56) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 42.725, 351.606 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, 0, 56) }
```

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

```
.border{ border-color:rgb(95, 0, 56) }
```

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

Here you see how a box with a 4 pixel rgb(95, 0, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 0, 56); -webkit-box-shadow:4px  
4px 4px 4px rgb(95, 0, 56); box-shadow:4px  
4px 4px 4px rgb(95, 0, 56) }
```

Background

The CSS property to change the background color of an element to CIELCh 19, 42.725, 351.606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 0, 56) }
```

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

```
.background{ background-color: rgb(95, 0,  
56) }
```

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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