

Converting Colors

CIELCh(19, 56.590, 323.664)

Have a look what the booklet for
CIELCh(19, 56.590, 323.664)
contains.

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Color

CIELCh(19, 56.689, 323.661)

Conversions

Conversions Part 1

Format	Color
Hex	540160
RGB	84, 1, 96
RGB Percent	33%, 0%, 38%
CMY	0.6708, 0.9963, 0.6237
CMYK	0.13, 0.99, 0.00, 0.62
HSL	292°, 98%, 19%
HSV	292°, 99%, 38%
XYZ	5.7715, 2.7468, 11.2817
YIQ	36.6470, 18.9730, 47.1410

Conversions

Conversions Part 2

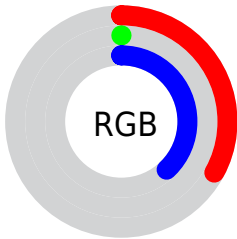
Format	Color
RYB	84, 1, 96
Decimal	5505376
CIELab	19.00, 45.66, -33.59
CIElCh	19, 56.689, 323.661
Yxy	2.7468, 0.2915, 0.1387
Android (android.graphics.Color)	4283695456 (0xFF540160)
YUV	36.6470, 29.2610, 41.5286
Hunter-Lab	16.5735, 33.1569, -28.7575

Details

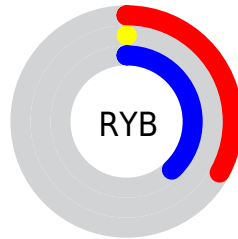
The CIELCh color **19, 56.689, 323.661** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **35, 57.354, 134.961**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 56.704, 323.795**, and **6, 35.573, 319.849** is the 20% darker color. If you saturate the color by 10%, you get **19, 56.988, 323.658**, and if you desaturate by 10%, it is **20, 53.783, 323.725**.

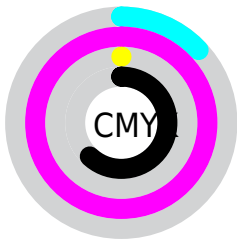
Distribution



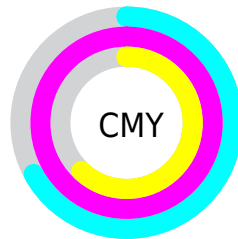
- Red (33%)
- Green (0%)
- Blue (38%)



- Red (33%)
- Yellow (0%)
- Blue (38%)



- Cyan (13%)
- Magenta (99%)
- Yellow (0%)
- Black (62%)



- Cyan (67%)
- Magenta (100%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 56.689, 323.661 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, 56.689, 323.661 by changing the saturation by 10% instead.

■ 19, 56.689,
323.661

■ 19, 56.689,
323.661

■ 100, 56.689,
323.661

■ 9, 56.689, 323.661

■ 39, 56.689,
323.661

■ 0, 56.689, 323.661

■ 49, 56.689,
323.661


■ 59, 56.689,
323.661


■ 69, 56.689,
323.661


■ 79, 56.689,
323.661

■ 89, 56.689,


323.661


 99, 56.689,
323.661


 19, 56.689,
323.661


 19, 56.689,
323.661


 19, 56.988,
323.658

 20, 53.783,
323.725

 21, 50.283,
323.731

 23, 45.624,
323.602

 25, 40.036,
323.361

 27, 33.781,
323.037

■ 30, 27.098,
322.654

■ 32, 20.185,
322.234

■ 35, 13.189,
321.794

■ 38, 6.215, 321.341

Harmonies

Complementary

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



19, 56.689, 323.661



35, 57.354, 134.961

Rectangle

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



19, 56.689, 323.661



19, 56.689, 13.661



19, 56.689, 143.661



19, 56.689, 193.661

Sweetspot

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



19, 56.688, 323.661



42, 25.935, 322.316



10, 57.522, 302.703



20, 17.830, 322.440



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, 56.688, 323.661



26, 68.745, 323.523



19, 43.760, 348.101



18, 3.897, 321.335



23, 63.642, 323.575



52, 111.347, 323.293

Inverse Universe

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



18, 45.215, 29.751



25, 56.431, 32.601



35, 47.347, 145.022



18, 2.369, 9.655



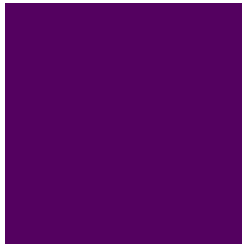
22, 51.782, 31.719



50, 93.943, 35.213

Previews

White Background



This preview shows how the CIE LCh color 19, 56.689, 323.661 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



This preview shows how the CIELCh color 19, 56.689, 323.661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

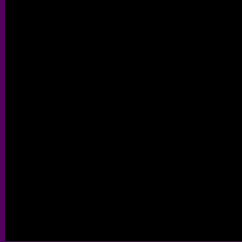
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 56.689, 323.661

Background



This preview shows how black text looks on a background with the CIELCh color 19, 56.689, 323.661.



This preview shows how white text looks on a background with the CIELCh color 19, 56.689, 323.661.

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, 56.689, 323.661

Protanopia

20, 36.908, 284.144

Deuteranopia

20, 27.739, 272.810



Tritanopia
21, 19.774, 20.535

Trichromacy



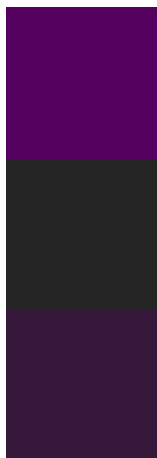
Original Color
19, 56.689, 323.661

Protanomaly
16, 47.320, 300.621

Deuteranomaly
16, 40.786, 298.812

Tritanomaly
19, 31.405, 342.806

Monochromacy



Original Color
19, 56.689, 323.661

Achromatopsia
15, 0.003, 296.813

Achromatomaly
14, 26.430, 323.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 56.689, 323.661 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(84, 1, 96)` looks like.

```
.text, #text, p{  
    color:rgb(84, 1, 96)  
}
```

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(84, 1, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 1, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 56.689, 323.661 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(84, 1, 96) }
```

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

```
.border{ border-color:rgb(84, 1, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 1, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 1, 96); -webkit-box-shadow:4px  
4px 4px 4px rgb(84, 1, 96); box-shadow:4px  
4px 4px 4px rgb(84, 1, 96) }
```

Background

The CSS property to change the background color of an element to CIELCh 19, 56.689, 323.661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 1, 96) }
```

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

```
.background{ background-color: rgb(84, 1,  
96) }
```

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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