

Converting Colors

CIELCh(19, 53.818, 323.693)

Have a look what the booklet for
CIELCh(19, 53.818, 323.693)
contains.

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Color

CIELCh(19, 53.818, 323.693)

Conversions

Conversions Part 1

Format	Color
Hex	52065D
RGB	82, 6, 93
RGB Percent	32%, 2%, 36%
CMY	0.6770, 0.9746, 0.6340
CMYK	0.12, 0.93, 0.00, 0.63
HSL	292°, 87%, 20%
HSV	292°, 93%, 37%
XYZ	5.5717, 2.7468, 10.6714
YIQ	38.6420, 17.3690, 43.1690

Conversions

Conversions Part 2

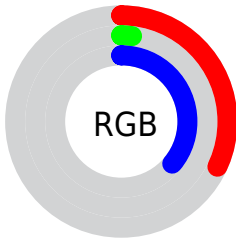
Format	Color
RYB	82, 6, 93
Decimal	5375581
CIELab	19.00, 43.37, -31.87
CIELCh	19, 53.818, 323.693
Yxy	2.7468, 0.2934, 0.1446
Android (android.graphics.Color)	4283565661 (0xFF52065D)
YUV	38.6420, 26.7985, 38.0250
Hunter-Lab	16.5735, 31.0046, -26.5741

Details

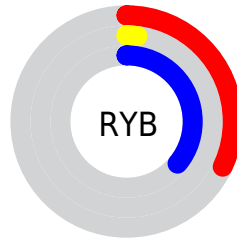
The CIELCh color **19, 53.818, 323.693** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **34, 54.323, 135.335**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 53.898, 323.510**, and **5, 33.502, 320.477** is the 20% darker color. If you saturate the color by 10%, you get **18, 55.899, 323.668**, and if you desaturate by 10%, it is **20, 50.749, 323.740**.

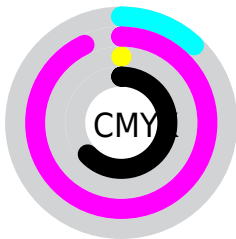
Distribution



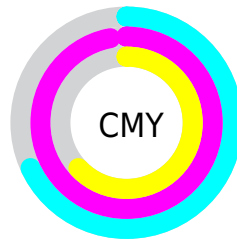
- Red (32%)
- Green (2%)
- Blue (36%)



- Red (32%)
- Yellow (2%)
- Blue (36%)



- Cyan (12%)
- Magenta (93%)
- Yellow (0%)
- Black (63%)





- Cyan (68%)
- Magenta (97%)
- Yellow (63%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 53.818, 323.693 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, 53.818, 323.693 by changing the saturation by 10% instead.

 19, 53.818,
323.693

 19, 53.818,
323.693


 100, 53.818,
323.693


 9, 53.818, 323.693


 39, 53.818,
323.693

 0, 53.818, 323.693

 49, 53.818,
323.693


 59, 53.818,
323.693


 69, 53.818,
323.693


 79, 53.818,
323.693

 89, 53.818,


323.693


 99, 53.818,
323.693


 19, 53.818,
323.693


 19, 53.818,
323.693


 18, 55.899,
323.668

 20, 50.749,
323.740

 22, 46.597,
323.660

 23, 41.449,
323.459

 26, 35.555,
323.165

 28, 29.159,
322.803

■ 30, 22.470,
322.397

■ 33, 15.650,
321.965

■ 36, 8.815, 321.518

■ 39, 2.047, 321.032

Harmonies

Complementary

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



19, 53.818, 323.693



34, 54.323, 135.335

Rectangle

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



19, 53.818, 323.693



19, 53.818, 13.693



19, 53.818, 143.693



19, 53.818, 193.693

Sweetspot

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



19, 53.817, 323.693



42, 23.796, 322.220



11, 52.979, 301.463



19, 16.276, 322.345



77, 0.009, 296.813



26, 0.004, 296.813

Same Dimension

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



19, 53.817, 323.693



25, 67.734, 323.527



19, 41.841, 346.970



17, 3.722, 321.325



22, 62.610, 323.580



51, 110.452, 323.289

Inverse Universe

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



18, 42.061, 28.123



24, 55.513, 32.446



34, 44.387, 146.056



17, 2.263, 9.631



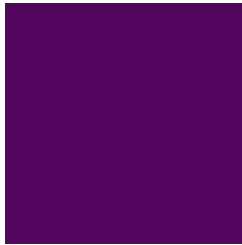
21, 50.822, 31.482



50, 93.146, 35.175

Previews

White Background



This preview shows how the CIE LCh color 19, 53.818, 323.693 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 CIE LCh color 19, 53.818, 323.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

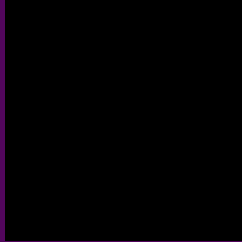
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 53.818, 323.693

Background



This preview shows how black text looks on a background with the CIELCh color 19, 53.818, 323.693.



This preview shows how white text looks on a background with the CIELCh color 19, 53.818, 323.693.

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, 53.818, 323.693

Protanopia

20, 36.351, 284.080

Deuteranopia

20, 26.812, 274.848



Tritanopia
20, 19.843, 20.635

Trichromacy



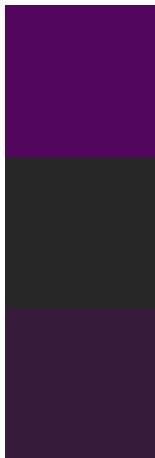
Original Color
19, 53.818, 323.693

Protanomaly
16, 45.373, 299.711

Deuteranomaly
17, 38.653, 299.806

Tritanomaly
19, 30.019, 342.625

Monochromacy



Original Color
19, 53.818, 323.693

Achromatopsia
16, 0.003, 296.813

Achromatomaly
15, 24.914, 323.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 53.818, 323.693 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(82, 6, 93)` looks like.

```
.text, #text, p{  
    color:rgb(82, 6, 93)  
}
```

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(82, 6, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 6, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 53.818, 323.693 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(82, 6, 93) }
```

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

```
.border{ border-color:rgb(82, 6, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 6, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 6, 93); -webkit-box-shadow:4px  
4px 4px 4px rgb(82, 6, 93); box-shadow:4px  
4px 4px 4px rgb(82, 6, 93) }
```

Background

The CSS property to change the background color of an element to CIELCh 19, 53.818, 323.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 6, 93) }
```

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

```
.background{ background-color: rgb(82, 6,  
93) }
```

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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