

Converting Colors

CIELCh(19, 41.703, 334.575)

Have a look what the booklet for
CIELCh(19, 41.703, 334.575)
contains.

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Color

CIELCh(19, 41.913, 334.524)

Conversions

Conversions Part 1

Format	Color
Hex	550F49
RGB	85, 15, 73
RGB Percent	33%, 6%, 29%
CMY	0.6670, 0.9415, 0.7140
CMYK	0.00, 0.82, 0.14, 0.67
HSL	310°, 70%, 20%
HSV	310°, 82%, 33%
XYZ	5.1091, 2.7468, 6.5519
YIQ	42.5420, 23.1020, 32.8780

Conversions

Conversions Part 2

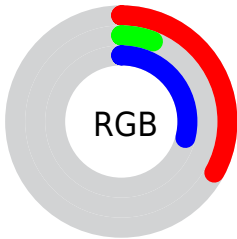
Format	Color
RYB	85, 15, 73
Decimal	5574473
CIELab	19.00, 37.84, -18.03
CIELCh	19, 41.913, 334.524
Yxy	2.7468, 0.3546, 0.1906
Android (android.graphics.Color)	4283764553 (0xFF550F49)
YUV	42.5420, 15.0158, 37.2357
Hunter-Lab	16.5735, 26.0219, -11.8373

Details

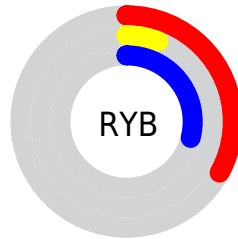
The CIELCh color **19, 41.913, 334.524** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **31, 43.766, 141.523**, and the grayscale version is **17, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 42.177, 334.326**, and **5, 25.049, 338.096** is the 20% darker color. If you saturate the color by 10%, you get **18, 44.191, 335.216**, and if you desaturate by 10%, it is **20, 38.684, 333.864**.

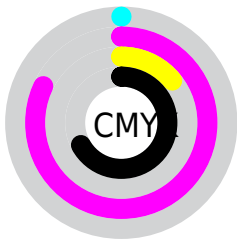
Distribution



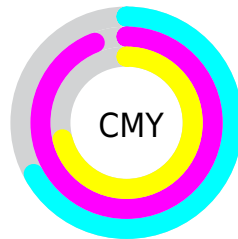
- Red (33%)
- Green (6%)
- Blue (29%)



- Red (33%)
- Yellow (6%)
- Blue (29%)



- Cyan (0%)
- Magenta (82%)
- Yellow (14%)
- Black (67%)





- Cyan (67%)
- Magenta (94%)
- Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 41.913, 334.524 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, 41.913, 334.524 by changing the saturation by 10% instead.

 19, 41.913,
334.524


 19, 41.913,
334.524

 100, 41.913,
334.524


 9, 41.913, 334.524

 39, 41.913,
334.524

 0, 41.913, 334.524

 49, 41.913,
334.524


 59, 41.913,
334.524


 69, 41.913,
334.524


 79, 41.913,
334.524


 89, 41.913,


334.524


 99, 41.913,
334.524

 19, 41.913,
334.524


 19, 41.913,
334.524


 18, 44.191,
335.216


 20, 38.684,
333.864

 17, 45.884,
335.717

 22, 34.547,
333.228

 24, 29.708,
332.607

 26, 24.381,
331.995

 28, 18.755,
331.393

■ 30, 12.980,
330.801

■ 33, 7.169, 330.216

■ 35, 1.400, 329.565

■ 38, 4.275, 149.181

Harmonies

Complementary

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



19, 41.913, 334.524



31, 43.766, 141.523

Rectangle

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



19, 41.913, 334.524



19, 41.913, 24.524



19, 41.913, 154.524



19, 41.913, 204.524

Sweetspot

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



19, 41.911, 334.524



39, 17.862, 331.000



11, 49.096, 305.294



18, 12.284, 331.126



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, 41.911, 334.524



24, 54.439, 335.937



17, 33.513, 7.138



16, 3.273, 330.002



23, 53.745, 335.985



54, 94.748, 336.610

Inverse Universe

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



19, 41.911, 334.524



24, 54.439, 335.937



32, 28.331, 164.169



16, 3.273, 330.002



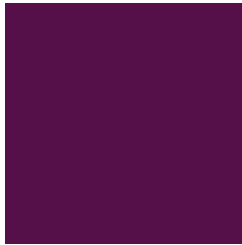
23, 53.745, 335.985



54, 94.748, 336.610

Previews

White Background



This preview shows how the CIELCh color 19, 41.913, 334.524 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, 41.913, 334.524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

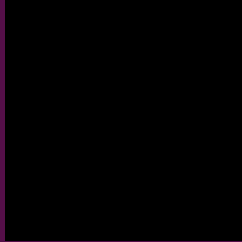
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 41.913, 334.524

Background



This preview shows how black text looks on a background with the CIELCh color 19, 41.913, 334.524.



This preview shows how white text looks on a background with the CIELCh color 19, 41.913, 334.524.

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, 41.913, 334.524

Protanopia

20, 35.728, 283.574

Deuteranopia

20, 14.434, 282.772



Tritanopia
19, 25.817, 23.685

Trichromacy



Original Color
19, 41.913, 334.524

Protanomaly
17, 38.004, 297.331

Deuteranomaly
18, 24.767, 314.969

Tritanomaly
19, 28.967, 358.074

Monochromacy



Original Color
19, 41.913, 334.524

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 18.482, 332.749

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 41.913, 334.524 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, 15, 73)` looks like.

```
.text, #text, p{  
    color:rgb(85, 15, 73)  
}
```

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, 15, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 15, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 41.913, 334.524 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, 15, 73) }
```

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

```
.border{ border-color:rgb(85, 15, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 15, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 15, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 15, 73);  
box-shadow:4px 4px 4px 4px rgb(85, 15, 73)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 41.913, 334.524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 15, 73) }
```

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

```
.background{ background-color: rgb(85, 15,  
73) }
```

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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