

Converting Colors

CIELCh(19, 14.031, 322.855)

Have a look what the booklet for
CIELCh(19, 14.031, 322.855)
contains.

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Color

CIELCh(19, 14.217, 322.653)

Conversions

Conversions Part 1

Format	Color
Hex	39293B
RGB	57, 41, 59
RGB Percent	22%, 16%, 23%
CMY	0.7774, 0.8401, 0.7695
CMYK	0.03, 0.31, 0.00, 0.77
HSL	293°, 18%, 20%
HSV	293°, 31%, 23%
XYZ	3.2426, 2.7468, 4.4652
YIQ	47.8360, 3.7580, 8.9900

Conversions

Conversions Part 2

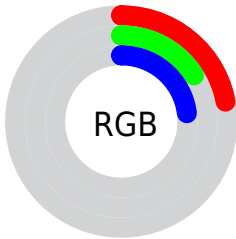
Format	Color
R_{YB}	57, 41, 59
Decimal	3746107
CIE Lab	19.00, 11.30, -8.62
CIE LCh	19, 14.217, 322.653
Yxy	2.7468, 0.3102, 0.2627
Android (android.graphics.Color)	4281936187 (0xFF39293B)
YUV	47.8360, 5.5039, 8.0368
Hunter-Lab	16.5735, 5.9197, -4.3723

Details

The CIELCh color **19, 14.217, 322.653** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **23, 14.128, 139.878**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 14.311, 322.567**, and **1, 7.570, 313.993** is the 20% darker color. If you saturate the color by 10%, you get **17, 18.835, 323.050**, and if you desaturate by 10%, it is **21, 9.547, 322.239**.

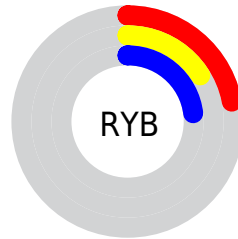
Distribution



 Red (22%)

 Green (16%)

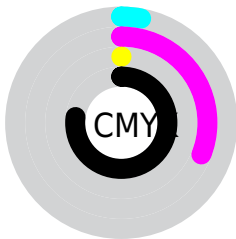
 Blue (23%)



 Red (22%)

 Yellow (16%)

 Blue (23%)

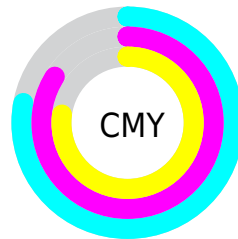


 Cyan (3%)

 Magenta (31%)

 Yellow (0%)

 Black (77%)



 Cyan (78%)

 Magenta (84%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 14.217, 322.653 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, 14.217, 322.653 by changing the saturation by 10% instead.

■ 19, 14.217,
322.653

■ 19, 14.217,
322.653

■ 100, 14.217,
322.653

■ 9, 14.217, 322.653

■ 39, 14.217,
322.653

■ 0, 14.217, 322.653

■ 49, 14.217,
322.653

■ 59, 14.217,
322.653

■ 69, 14.217,
322.653


■ 79, 14.217,
322.653


■ 89, 14.217,

322.653


 99, 14.217,
322.653

 19, 14.217,
322.653


 19, 14.217,
322.653

 17, 18.835,
323.050


 21, 9.547, 322.239

 16, 23.320,
323.417


 23, 4.888, 321.815


 14, 27.562,
323.739

 25, 0.282, 321.077

 13, 31.431,
323.997

 29, 8.673, 140.646

 11, 34.779,
324.173

 31, 12.995,
140.273

■ 10, 37.770,
324.299

■ 33, 17.205,
139.921

■ 9, 40.873, 324.485

■ 35, 21.303,
139.589

■ 37, 25.291,
139.279

Harmonies

Complementary

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



19, 14.217, 322.653



23, 14.128, 139.878

Rectangle

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



19, 14.217, 322.653



19, 14.217, 12.653



19, 14.217, 142.653



19, 14.217, 192.653

Sweetspot

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



19, 14.216, 322.653



30, 5.164, 321.763



18, 11.000, 288.383



14, 3.523, 321.787



68, 0.008, 296.813



15, 0.003, 296.813

Same Dimension

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



19, 14.216, 322.653



24, 21.399, 322.977



19, 11.262, 339.944



10, 2.642, 321.722



19, 56.238, 324.199



48, 104.857, 323.884

Inverse Universe

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



19, 8.996, 12.875



23, 13.821, 13.863



23, 11.069, 155.661



10, 1.590, 10.757



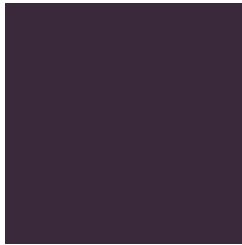
18, 45.188, 30.343



46, 89.233, 35.814

Previews

White Background



This preview shows how the CIE LCh color 19, 14.217, 322.653 looks on a white background.

Color Contrast Check

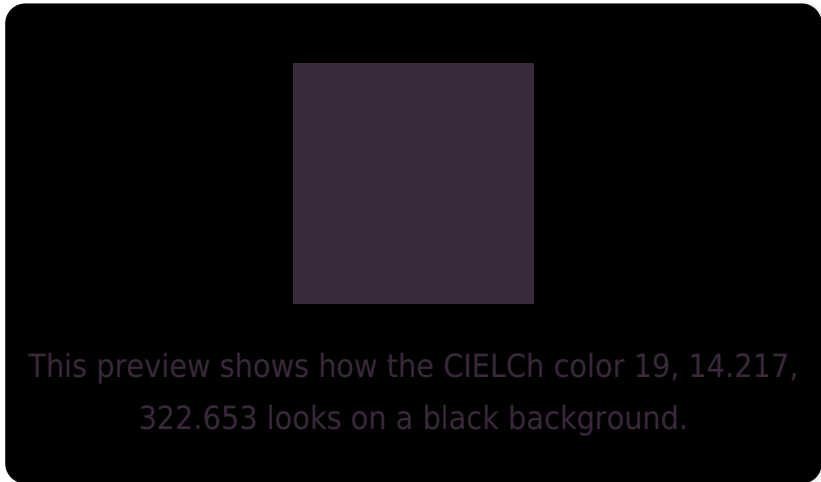
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.217, 322.653

Background



This preview shows how black text looks on a background with the CIELCh color 19, 14.217, 322.653.



This preview shows how white text looks on a background with the CIELCh color 19, 14.217, 322.653.

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

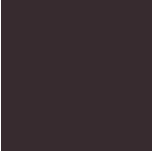
19, 14.217, 322.653

Protanopia

19, 11.029, 284.306

Deuteranopia

19, 8.929, 292.335



Tritanopia
19, 6.363, 355.518

Trichromacy



Original Color
19, 14.217, 322.653

Protanomaly
19, 11.778, 299.098

Deuteranomaly
19, 10.693, 306.706

Tritanomaly
19, 8.978, 338.284

Monochromacy



Original Color
19, 14.217, 322.653

Achromatopsia
20, 0.004, 296.813

Achromatomaly
19, 5.554, 321.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 14.217, 322.653 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(57, 41, 59)` looks like.

```
.text, #text, p{  
    color:rgb(57, 41, 59)  
}
```

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(57, 41, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 41, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 14.217, 322.653 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(57, 41, 59) }
```

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

```
.border{ border-color:rgb(57, 41, 59) }
```

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

Here you see how a box with a 4 pixel rgb(57, 41, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 41, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 41, 59);  
box-shadow:4px 4px 4px 4px rgb(57, 41, 59)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 14.217, 322.653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 41, 59) }
```

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

```
.background{ background-color: rgb(57, 41,  
59) }
```

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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