

Converting Colors

CIELCh(19, 26.644, 331.300)

Have a look what the booklet for
CIELCh(19, 26.644, 331.300)
contains.

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Color

CIELCh(19, 26.890, 331.166)

Conversions

Conversions Part 1

Format	Color
Hex	462041
RGB	70, 32, 65
RGB Percent	27%, 13%, 25%
CMY	0.7243, 0.8734, 0.7440
CMYK	0.00, 0.54, 0.07, 0.72
HSL	308°, 37%, 20%
HSV	308°, 54%, 28%
XYZ	4.0346, 2.7468, 5.3631
YIQ	47.1240, 12.0550, 18.3190

Conversions

Conversions Part 2

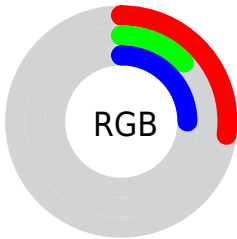
Format	Color
RYB	70, 32, 65
Decimal	4595777
CIELab	19.00, 23.56, -12.97
CIELCh	19, 26.890, 331.166
Yxy	2.7468, 0.3322, 0.2262
Android (android.graphics.Color)	4282785857 (0xFF462041)
YUV	47.1240, 8.8129, 20.0623
Hunter-Lab	16.5735, 14.4501, -7.5844

Details

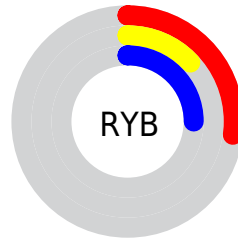
The CIELCh color **19, 26.890, 331.166** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **26, 27.003, 144.162**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 26.946, 331.471**, and **3, 15.261, 331.171** is the 20% darker color. If you saturate the color by 10%, you get **17, 31.135, 331.706**, and if you desaturate by 10%, it is **21, 22.226, 330.621**.

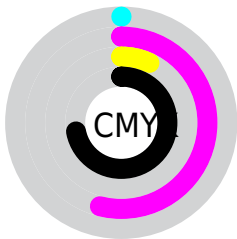
Distribution



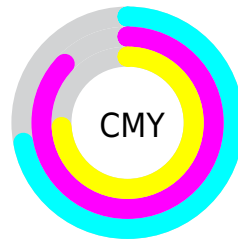
- Red (27%)
- Green (13%)
- Blue (25%)



- Red (27%)
- Yellow (13%)
- Blue (25%)



- Cyan (0%)
- Magenta (54%)
- Yellow (7%)
- Black (72%)





- Cyan (72%)
- Magenta (87%)
- Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 26.890, 331.166 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, 26.890, 331.166 by changing the saturation by 10% instead.

 19, 26.890,
331.166

 19, 26.890,
331.166


 100, 26.890,
331.166


 9, 26.890, 331.166


 39, 26.890,
331.166

 0, 26.890, 331.166

 49, 26.890,
331.166

 59, 26.890,
331.166


 69, 26.890,
331.166


 79, 26.890,
331.166


 89, 26.890,


331.166


 99, 26.890,
331.166


 19, 26.890,
331.166


 19, 26.890,
331.166


 17, 31.135,
331.706


 21, 22.226,
330.621

 16, 34.793,
332.240


 23, 17.300,
330.072

 15, 37.695,
332.771

 25, 12.238,
329.525

 14, 40.109,
333.290

 27, 7.134, 328.979

 14, 41.642,
333.579

 29, 2.057, 328.405

 31, 2.948, 148.006

■ 33, 7.850, 147.482

■ 36, 12.633,
146.999

■ 38, 17.289,
146.541

Harmonies

Complementary

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



19, 26.890, 331.166



26, 27.003, 144.162

Rectangle

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



19, 26.890, 331.166



19, 26.890, 21.166



19, 26.890, 151.166



19, 26.890, 201.166

Sweetspot

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



19, 26.889, 331.166



35, 10.127, 329.120



15, 26.894, 300.177



16, 6.739, 329.164



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



19, 26.889, 331.166



23, 38.987, 331.897



18, 20.206, 356.346



13, 2.851, 328.677



21, 52.555, 333.892



52, 95.312, 334.379

Inverse Universe

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



19, 26.889, 331.166



23, 38.987, 331.897



27, 18.286, 165.257



13, 2.851, 328.677



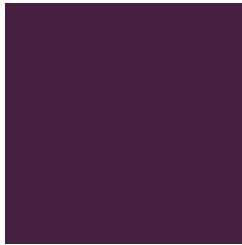
21, 52.555, 333.892



52, 95.312, 334.379

Previews

White Background



This preview shows how the CIE LCh color 19, 26.890, 331.166 looks on a white background.

Color Contrast Check

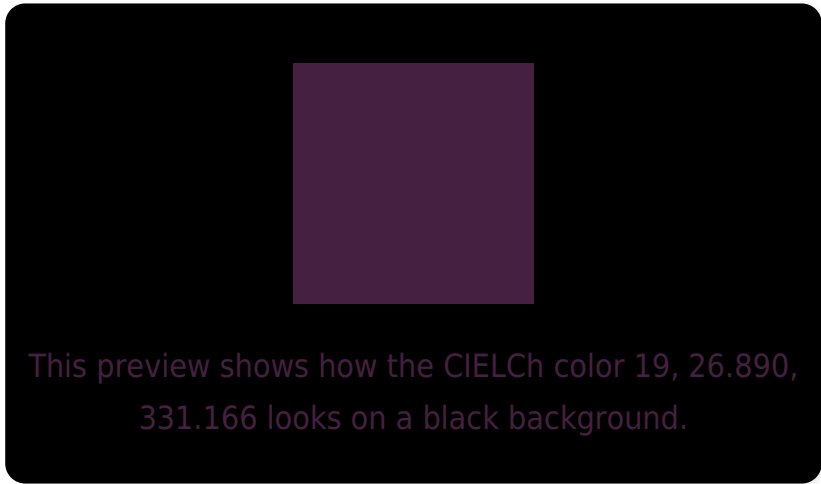
Large Text (above 18pt) WCAG AA ✓ Pass

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

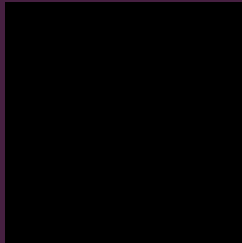
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 26.890, 331.166

Background



This preview shows how black text looks on a background with the CIELCh color 19, 26.890, 331.166.



This preview shows how white text looks on a background with the CIELCh color 19, 26.890, 331.166.

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, 26.890, 331.166

Protanopia

19, 21.316, 284.975

Deuteranopia

19, 11.664, 286.951



Tritanopia
19, 15.165, 15.636

Trichromacy



Original Color
19, 26.890, 331.166

Protanomaly
19, 22.198, 302.055

Deuteranomaly
19, 16.638, 311.320

Tritanomaly
19, 17.950, 352.666

Monochromacy



Original Color
19, 26.890, 331.166

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 10.157, 327.721

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 26.890, 331.166 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(70, 32, 65)` looks like.

```
.text, #text, p{  
    color:rgb(70, 32, 65)  
}
```

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(70, 32, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 32, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 26.890, 331.166 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(70, 32, 65) }
```

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

```
.border{ border-color:rgb(70, 32, 65) }
```

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

Here you see how a box with a 4 pixel rgb(70, 32, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 32, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 32, 65);  
box-shadow:4px 4px 4px 4px rgb(70, 32, 65)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 26.890, 331.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 32, 65) }
```

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

```
.background{ background-color: rgb(70, 32,  
65) }
```

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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