

Converting Colors

CIELCh(19, 30.377, 328.574)

Have a look what the booklet for
CIELCh(19, 30.377, 328.574)
contains.

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Color

CIELCh(19, 30.530, 329.332)

Conversions

Conversions Part 1	
Format	Color
Hex	481E45
RGB	72, 30, 69
RGB Percent	28%, 12%, 27%
CMY	0.7172, 0.8819, 0.7290
CMYK	0.00, 0.58, 0.04, 0.72
HSL	304°, 41%, 20%
HSV	304°, 58%, 28%
XYZ	4.2252, 2.7468, 5.9551
YIQ	47.0040, 12.5130, 21.0330

Conversions

Conversions Part 2

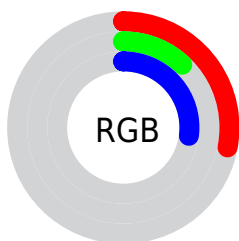
Format	Color
RYB	72, 30, 69
Decimal	4726341
CIELab	19.00, 26.26, -15.57
CIELCh	19, 30.530, 329.332
Yxy	2.7468, 0.3268, 0.2125
Android (android.graphics.Color)	4282916421 (0xFF481E45)
YUV	47.0040, 10.8440, 21.9215
Hunter-Lab	16.5735, 16.5024, -9.7022

Details

The CIELCh color **19, 30.530, 329.332** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **27, 30.764, 141.980**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 30.553, 329.655**, and **3, 17.842, 329.165** is the 20% darker color. If you saturate the color by 10%, you get **18, 34.791, 329.776**, and if you desaturate by 10%, it is **21, 25.748, 328.859**.

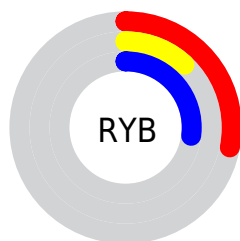
Distribution



Red (28%)

Green (12%)

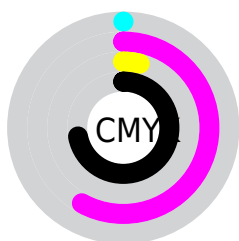
Blue (27%)



Red (28%)

Yellow (12%)

Blue (27%)

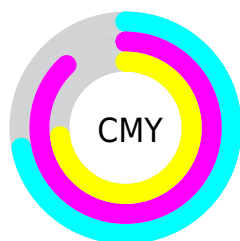


Cyan (0%)

Magenta (58%)

Yellow (4%)

Black (72%)



Cyan (72%)


Magenta (88%)


Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 30.530, 329.332 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, 30.530, 329.332 by changing the saturation by 10% instead.

 19, 30.530,
329.332

 19, 30.530,
329.332


 100, 30.530,
329.332


 9, 30.530, 329.332


 39, 30.530,
329.332

 0, 30.530, 329.332

 49, 30.530,
329.332


 59, 30.530,
329.332


 69, 30.530,
329.332


 79, 30.530,
329.332


 89, 30.530,


329.332


 99, 30.530,
329.332


 19, 30.530,
329.332


 19, 30.530,
329.332


 18, 34.791,
329.776


 21, 25.748,
328.859

 16, 38.357,
330.186


 23, 20.618,
328.364

 15, 41.098,
330.560

 25, 15.285,
327.856

 14, 43.700,
330.913

 27, 9.864, 327.339

 14, 44.178,
330.974

 29, 4.439, 326.813

 31, 0.929, 146.484

■ 33, 6.201, 145.873

■ 36, 11.353,
145.389

■ 38, 16.371,
144.930

Harmonies

Complementary

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



19, 30.530, 329.332



27, 30.764, 141.980

Rectangle

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



19, 30.530, 329.332



19, 30.530, 19.332



19, 30.530, 149.332



19, 30.530, 199.332

Sweetspot

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



19, 30.529, 329.332



35, 11.480, 327.310



14, 29.805, 299.511



17, 7.745, 327.354



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



19, 30.529, 329.332



24, 43.870, 329.967



18, 22.587, 353.644



13, 2.974, 326.831



22, 54.947, 331.112



53, 99.973, 331.344

Inverse Universe

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



19, 30.529, 329.332



24, 43.870, 329.967



27, 20.814, 161.714



13, 2.974, 326.831



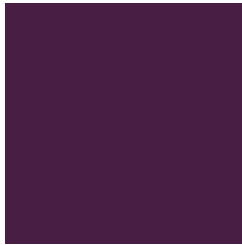
22, 54.947, 331.112



53, 99.973, 331.344

Previews

White Background



This preview shows how the CIELCh color 19, 30.530, 329.332 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, 30.530, 329.332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

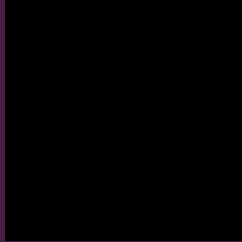
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 30.530, 329.332

Background



This preview shows how black text looks on a background with the CIELCh color 19, 30.530, 329.332.



This preview shows how white text looks on a background with the CIELCh color 19, 30.530, 329.332.

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, 30.530, 329.332

Protanopia

19, 25.438, 284.782

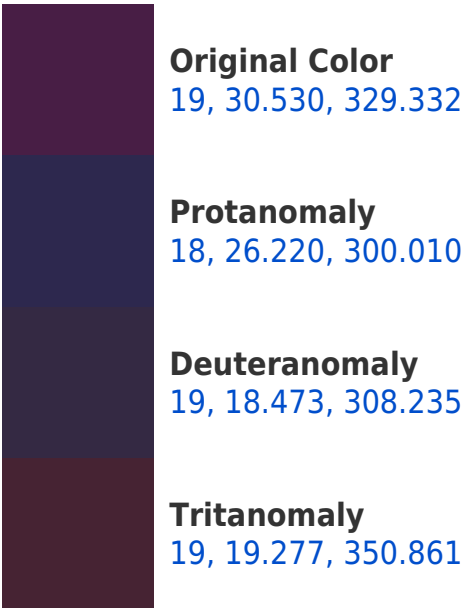
Deuteranopia

20, 13.158, 281.266

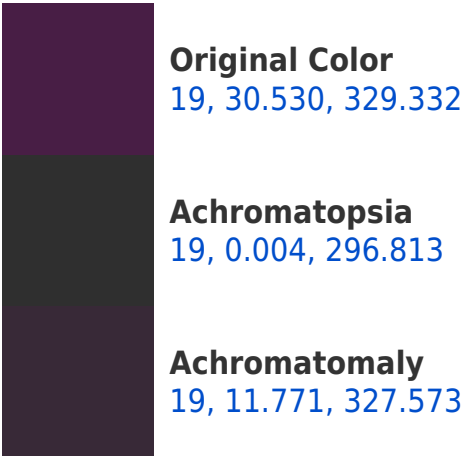


Tritanopia
19, 15.722, 18.468

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIElCh 19, 30.530, 329.332 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(72, 30, 69)` looks like.

```
.text, #text, p{  
    color:rgb(72, 30, 69)  
}
```

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(72, 30, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 30, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 30.530, 329.332 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(72, 30, 69) }
```

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

```
.border{ border-color:rgb(72, 30, 69) }
```

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

Here you see how a box with a 4 pixel rgb(72, 30, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 30, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 30, 69);  
box-shadow:4px 4px 4px 4px rgb(72, 30, 69)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 30.530, 329.332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 30, 69) }
```

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

```
.background{ background-color: rgb(72, 30,  
69) }
```

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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