

Converting Colors

CIELCh(19, 24.849, 330.452)

Have a look what the booklet for
CIELCh(19, 24.849, 330.452)
contains.

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Color

CIELCh(19, 24.586, 330.439)

Conversions

Conversions Part 1

Format	Color
Hex	442240
RGB	68, 34, 64
RGB Percent	27%, 13%, 25%
CMY	0.7332, 0.8665, 0.7489
CMYK	0.00, 0.50, 0.06, 0.73
HSL	307°, 33%, 20%
HSV	307°, 50%, 27%
XYZ	3.8859, 2.7468, 5.1811
YIQ	47.5860, 10.6340, 16.5380

Conversions

Conversions Part 2

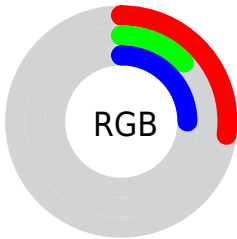
Format	Color
R_{YB}	68, 34, 64
Decimal	4465216
CIE _{Lab}	19.00, 21.39, -12.13
CIE _{LCh}	19, 24.586, 330.439
Yxy	2.7468, 0.3289, 0.2325
Android (android.graphics.Color)	4282655296 (0xFF442240)
YUV	47.5860, 8.0921, 17.9031
Hunter-Lab	16.5735, 12.8479, -6.9334

Details

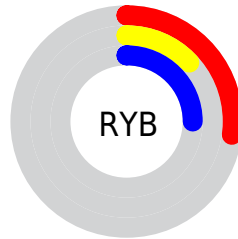
The CIELCh color **19, 24.586, 330.439** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **26, 24.647, 144.191**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **39, 24.409, 330.171**, and **2, 13.966, 329.656** is the 20% darker color. If you saturate the color by 10%, you get **17, 28.955, 330.960**, and if you desaturate by 10%, it is **21, 19.876, 329.909**.

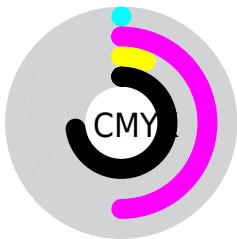
Distribution



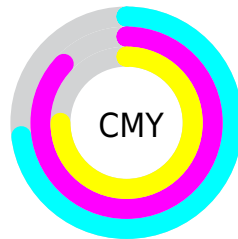
- Red (27%)
- Green (13%)
- Blue (25%)



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



- Cyan (0%)
- Magenta (50%)
- Yellow (6%)
- Black (73%)



- Cyan (73%)
- Magenta (87%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 24.586, 330.439 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, 24.586, 330.439 by changing the saturation by 10% instead.

 19, 24.586,
330.439

 19, 24.586,
330.439

 100, 24.586,
330.439

 9, 24.586, 330.439

 39, 24.586,
330.439

 0, 24.586, 330.439

 49, 24.586,
330.439

 59, 24.586,
330.439

 69, 24.586,
330.439

 79, 24.586,
330.439


 89, 24.586,


330.439


 99, 24.586,
330.439


 19, 24.586,
330.439


 19, 24.586,
330.439

 17, 28.955,
330.960


 21, 19.876,
329.909

 16, 32.828,
331.469

 23, 14.967,
329.375


 15, 36.036,
331.966

 25, 9.967, 328.840

 14, 38.557,
332.451

 27, 4.956, 328.302

 29, 0.009, 163.299

 13, 41.161,
332.907

 31, 4.889, 147.344

■ 13, 41.168,
332.908

■ 33, 9.661, 146.849

■ 35, 14.314,
146.382

■ 38, 18.840,
145.937

Harmonies

Complementary

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



19, 24.586, 330.439



26, 24.647, 144.191

Rectangle

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



19, 24.586, 330.439



19, 24.586, 20.439



19, 24.586, 150.439



19, 24.586, 200.439

Sweetspot

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



19, 24.585, 330.439



34, 9.363, 328.608



15, 24.005, 299.599



16, 6.445, 328.661



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, 24.585, 330.439



24, 36.062, 331.092



18, 18.200, 355.675



12, 2.702, 328.220



21, 52.162, 333.191



52, 95.568, 333.627

Inverse Universe

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



19, 24.585, 330.439



24, 36.062, 331.092



26, 16.587, 165.780



12, 2.702, 328.220



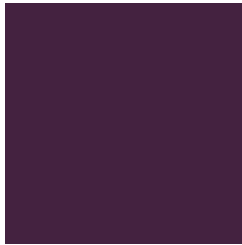
21, 52.162, 333.191



52, 95.568, 333.627

Previews

White Background



This preview shows how the CIE LCh color 19, 24.586, 330.439 looks on a white background.

Color Contrast Check

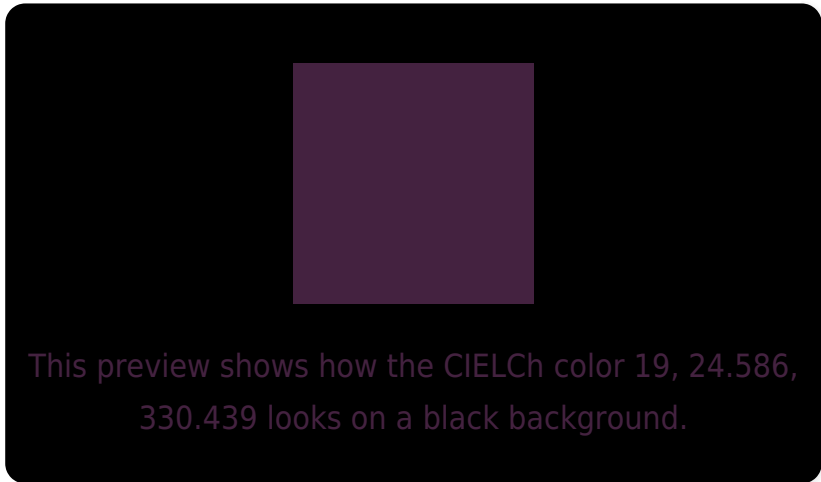
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.586, 330.439

Background



This preview shows how black text looks on a background with the CIELCh color 19, 24.586, 330.439.



This preview shows how white text looks on a background with the CIELCh color 19, 24.586, 330.439.

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, 24.586, 330.439

Protanopia

19, 19.299, 284.132

Deuteranopia

19, 10.988, 286.373



Tritanopia
19, 13.105, 13.814

Trichromacy



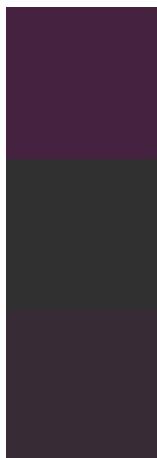
Original Color
19, 24.586, 330.439

Protanomaly
19, 19.426, 301.523

Deuteranomaly
19, 15.083, 309.687

Tritanomaly
19, 16.094, 350.597

Monochromacy



Original Color
19, 24.586, 330.439

Achromatopsia
20, 0.004, 296.813

Achromatomaly
19, 9.331, 327.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 24.586, 330.439 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(68, 34, 64)` looks like.

```
.text, #text, p{  
    color:rgb(68, 34, 64)  
}
```

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(68, 34, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 34, 64) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 24.586, 330.439 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(68, 34, 64) }
```

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

```
.border{ border-color:rgb(68, 34, 64) }
```

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

Here you see how a box with a 4 pixel rgb(68, 34, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 34, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 34, 64);  
box-shadow:4px 4px 4px 4px rgb(68, 34, 64)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 24.586, 330.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 34, 64) }
```

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

```
.background{ background-color: rgb(68, 34,  
64) }
```

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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