

Converting Colors

CIELCh(19, 48.407, 327.913)

Have a look what the booklet for
CIELCh(19, 48.407, 327.913)
contains.

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Color

CIELCh(19, 48.365, 328.021)

Conversions

Conversions Part 1

Format	Color
Hex	540A54
RGB	84, 10, 84
RGB Percent	33%, 4%, 33%
CMY	0.6704, 0.9605, 0.6704
CMYK	0.00, 0.88, 0.00, 0.67
HSL	300°, 79%, 18%
HSV	300°, 88%, 33%
XYZ	5.3724, 2.7468, 8.6447
YIQ	40.5620, 20.3500, 38.7020

Conversions

Conversions Part 2

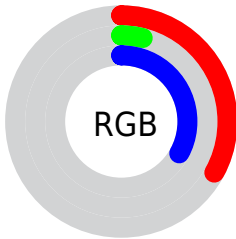
Format	Color
R_{YB}	84, 10, 84
Decimal	5507668
CIE _{Lab}	19.00, 41.03, -25.61
CIE _{LCh}	19, 48.365, 328.021
Yxy	2.7468, 0.3205, 0.1639
Android (android.graphics.Color)	4283697748 (0xFF540A54)
YUV	40.5620, 21.4149, 38.0951
Hunter-Lab	16.5735, 28.8579, -19.3240

Details

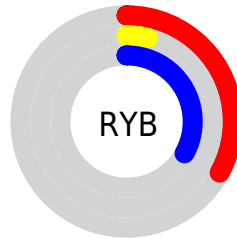
The CIELCh color **19, 48.365, 328.021** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **30, 49.634, 137.074**, and the grayscale version is **16, 0.003, 296.813**.

A 20% lighter version of the original color is **39, 48.318, 327.913**, and **5, 29.436, 326.649** is the 20% darker color. If you saturate the color by 10%, you get **18, 51.006, 328.198**, and if you desaturate by 10%, it is **20, 45.244, 327.809**.

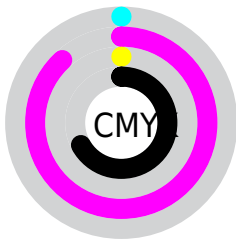
Distribution



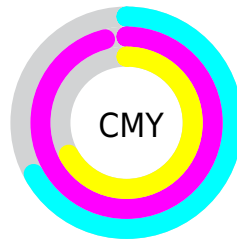
- Red (33%)
- Green (4%)
- Blue (33%)



- Red (33%)
- Yellow (4%)
- Blue (33%)



- Cyan (0%)
- Magenta (88%)
- Yellow (0%)
- Black (67%)





- Cyan (67%)
- Magenta (96%)
- Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 19, 48.365, 328.021 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, 48.365, 328.021 by changing the saturation by 10% instead.

 19, 48.365,
328.021

 19, 48.365,
328.021

 100, 48.365,
328.021


 9, 48.365, 328.021


 39, 48.365,
328.021

 0, 48.365, 328.021

 49, 48.365,
328.021

 59, 48.365,
328.021


 69, 48.365,
328.021


 79, 48.365,
328.021


 89, 48.365,


328.021


 99, 48.365,
328.021


 19, 48.365,
328.021


 19, 48.365,
328.021


 18, 51.006,
328.198


 20, 45.244,
327.809

 18, 51.552,
328.234

 21, 41.105,
327.522

 23, 36.115,
327.169

 25, 30.479,
326.761

 27, 24.401,
326.310

■ 29, 18.062,
325.831

■ 31, 11.605,
325.332

■ 34, 5.138, 324.816

■ 36, 1.262, 144.455

Harmonies

Complementary

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



19, 48.365, 328.021



30, 49.634, 137.074

Rectangle

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



19, 48.365, 328.021



19, 48.365, 18.021



19, 48.365, 148.021



19, 48.365, 198.021

Sweetspot

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



19, 48.364, 328.021



38, 20.885, 325.776



8, 52.364, 303.963



18, 14.266, 325.876



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, 48.364, 328.021



25, 62.060, 328.234



17, 35.629, 355.384



15, 3.500, 324.852



24, 60.004, 328.234



55, 107.606, 328.234

Inverse Universe

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



19, 48.364, 328.021



25, 62.060, 328.234



31, 34.811, 153.188



15, 3.500, 324.852



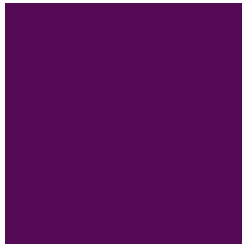
24, 60.004, 328.234



55, 107.606, 328.234

Previews

White Background



This preview shows how the CIE LCh color 19, 48.365, 328.021 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, 48.365, 328.021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

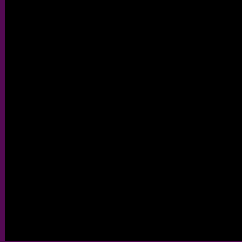
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 19, 48.365, 328.021

Background



This preview shows how black text looks on a background with the CIELCh color 19, 48.365, 328.021.



This preview shows how white text looks on a background with the CIELCh color 19, 48.365, 328.021.

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, 48.365, 328.021

Protanopia

20, 35.728, 283.574

Deuteranopia

20, 20.932, 277.689



Tritanopia
20, 23.082, 22.281

Trichromacy



Original Color
19, 48.365, 328.021

Protanomaly
17, 41.336, 298.483

Deuteranomaly
18, 32.067, 306.503

Tritanomaly
19, 29.626, 351.213

Monochromacy



Original Color
19, 48.365, 328.021

Achromatopsia
17, 0.003, 296.813

Achromatomaly
16, 21.862, 326.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 19, 48.365, 328.021 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(84, 10, 84)` looks like.

```
.text, #text, p{  
    color:rgb(84, 10, 84)  
}
```

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(84, 10, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 10, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 19, 48.365, 328.021 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(84, 10, 84) }
```

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

```
.border{ border-color:rgb(84, 10, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 10, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 10, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 10, 84);  
box-shadow:4px 4px 4px 4px rgb(84, 10, 84)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 19, 48.365, 328.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 10, 84) }
```

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

```
.background{ background-color: rgb(84, 10,  
84) }
```

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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