

Converting Colors

CIELCh(30, 48.883, 351.646)

Have a look what the booklet for
CIELCh(30, 48.883, 351.646)
contains.

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Color

CIELCh(30, 48.794, 351.764)

Conversions

Conversions Part 1

Format	Color
Hex	841A53
RGB	132, 26, 83
RGB Percent	52%, 10%, 33%
CMY	0.4832, 0.8991, 0.6753
CMYK	0.00, 0.80, 0.37, 0.48
HSL	328°, 67%, 31%
HSV	328°, 80%, 52%
XYZ	11.3981, 6.2359, 8.7479
YIQ	64.1920, 44.8790, 40.1990

Conversions

Conversions Part 2

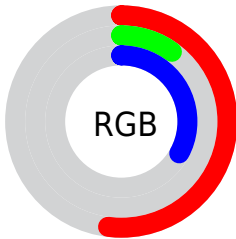
Format	Color
R_{YB}	132, 26, 83
Decimal	8657491
CIE Lab	30.00, 48.29, -6.99
CIE LCh	30, 48.794, 351.764
Yxy	6.2359, 0.4320, 0.2364
Android (android.graphics.Color)	4286847571 (0xFF841A53)
YUV	64.1920, 9.2723, 59.4676
Hunter-Lab	24.9718, 37.7735, -3.2897

Details

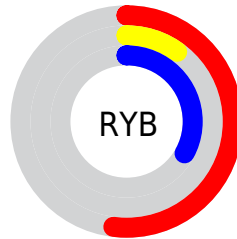
The CIELCh color **30, 48.794, 351.764** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **48, 48.308, 151.880**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 48.817, 352.137**, and **14, 36.171, 358.961** is the 20% darker color. If you saturate the color by 10%, you get **29, 51.148, 354.385**, and if you desaturate by 10%, it is **32, 45.001, 349.665**.

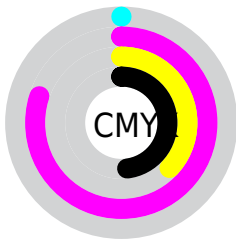
Distribution



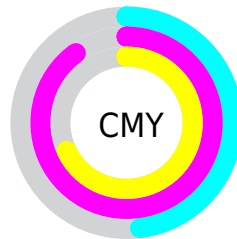
- Red (52%)
- Green (10%)
- Blue (33%)



- Red (52%)
- Yellow (10%)
- Blue (33%)



- Cyan (0%)
- Magenta (80%)
- Yellow (37%)
- Black (48%)





- Cyan (48%)
- Magenta (90%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 48.794, 351.764 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 30, 48.794, 351.764 by changing the saturation by 10% instead.


 30, 48.794,
351.764

 30, 48.794,
351.764

 100, 48.794,
351.764


 20, 48.794,
351.764


 50, 48.794,
351.764


 10, 48.794,
351.764

 60, 48.794,
351.764

 0, 48.794, 351.764

 70, 48.794,
351.764

 80, 48.794,
351.764

 90, 48.794,
351.764

■ 30, 48.794,
351.764

■ 30, 48.794,
351.764

■ 29, 51.148,
354.385

■ 32, 45.001,
349.665

■ 28, 52.548,
357.248

■ 34, 39.991,
347.955

■ 37, 34.082,
346.530

■ 40, 27.595,
345.312

■ 44, 20.802,
344.246

■ 47, 13.907,
343.295

■ 51, 7.049, 342.422

■ 55, 0.317, 340.774

Harmonies

Complementary

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



30, 48.794, 351.764



48, 48.308, 151.880

Rectangle

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



30, 48.794, 351.764



30, 48.794, 41.764



30, 48.794, 171.764



30, 48.794, 221.764

Sweetspot

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



30, 48.792, 351.765



59, 20.213, 343.670



23, 66.787, 311.298



29, 14.015, 343.965



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



30, 48.792, 351.765



37, 62.997, 357.162



29, 50.981, 29.923



26, 3.811, 342.308



27, 52.059, 357.196



0, 0.904, 341.644

Inverse Universe

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



30, 48.792, 351.765



37, 62.997, 357.162



50, 29.881, 190.391



26, 3.811, 342.308



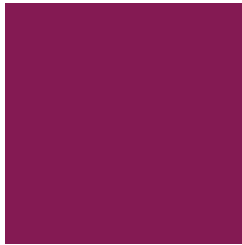
27, 52.059, 357.196



0, 0.904, 341.644

Previews

White Background



This preview shows how the CIE LCh color 30, 48.794, 351.764 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 30, 48.794, 351.764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

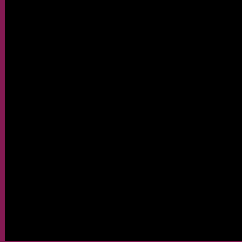
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 48.794, 351.764

Background



This preview shows how black text looks on a background with the CIELCh color 30, 48.794, 351.764.



This preview shows how white text looks on a background with the CIELCh color 30, 48.794, 351.764.

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

30, 48.794, 351.764

Protanopia

31, 26.927, 285.185

Deuteranopia

31, 5.427, 324.866



Tritanopia
30, 43.880, 28.067

Trichromacy



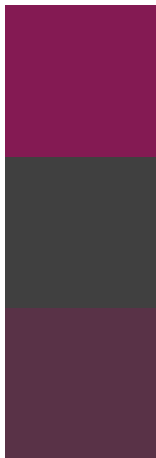
Original Color
30, 48.794, 351.764

Protanomaly
28, 32.094, 314.951

Deuteranomaly
29, 24.080, 343.216

Tritanomaly
30, 43.509, 13.996

Monochromacy



Original Color
30, 48.794, 351.764

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 21.618, 345.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 48.794, 351.764 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(132, 26, 83)` looks like.

```
.text, #text, p{  
    color:rgb(132, 26, 83)  
}
```

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(132, 26, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 26, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 48.794, 351.764 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(132, 26, 83) }
```

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

```
.border{ border-color:rgb(132, 26, 83) }
```

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

Here you see how a box with a 4 pixel rgb(132, 26, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 26, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 26, 83);  
box-shadow:4px 4px 4px 4px rgb(132, 26,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 48.794, 351.764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 26, 83) }
```

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

```
.background{ background-color: rgb(132, 26,  
83) }
```

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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