

Converting Colors

CIELCh(31, 41.377, 349.345)

Have a look what the booklet for
CIELCh(31, 41.377, 349.345)
contains.

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Color

CIELCh(31, 41.154, 349.390)

Conversions

Conversions Part 1

Format	Color
Hex	7D2A56
RGB	125, 42, 86
RGB Percent	49%, 16%, 34%
CMY	0.5107, 0.8361, 0.6635
CMYK	0.00, 0.67, 0.31, 0.51
HSL	328°, 50%, 33%
HSV	328°, 67%, 49%
XYZ	10.9155, 6.6515, 9.4699
YIQ	71.8330, 35.3440, 31.2800

Conversions

Conversions Part 2

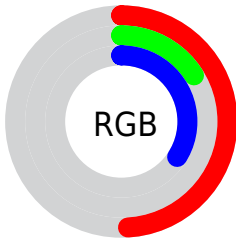
Format	Color
R_{YB}	125, 42, 86
Decimal	8202838
CIE _{Lab}	31.00, 40.45, -7.58
CIE _{LCh}	31, 41.154, 349.390
Yxy	6.6515, 0.4037, 0.2460
Android (android.graphics.Color)	4286392918 (0xFF7D2A56)
YUV	71.8330, 6.9843, 46.6275
Hunter-Lab	25.7905, 30.4144, -3.7171

Details

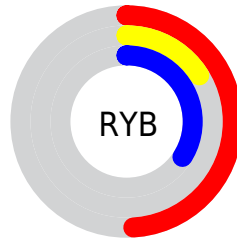
The CIELCh color **31, 41.154, 349.390** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **47, 39.570, 154.752**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **51, 41.167, 349.049**, and **13, 35.300, 351.846** is the 20% darker color. If you saturate the color by 10%, you get **29, 45.316, 351.337**, and if you desaturate by 10%, it is **34, 35.962, 347.792**.

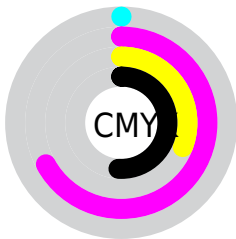
Distribution



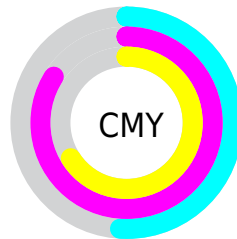
- Red (49%)
- Green (16%)
- Blue (34%)



- Red (49%)
- Yellow (16%)
- Blue (34%)



- Cyan (0%)
- Magenta (67%)
- Yellow (31%)
- Black (51%)





- Cyan (51%)
- Magenta (84%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 41.154, 349.390 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 31, 41.154, 349.390 by changing the saturation by 10% instead.


 31, 41.154,
349.390


 31, 41.154,
349.390

 100, 41.154,
349.390


 21, 41.154,
349.390

 51, 41.154,
349.390


 11, 41.154,
349.390


 61, 41.154,
349.390

 1, 41.154, 349.390

 71, 41.154,
349.390

 0, 41.154, 349.390

 81, 41.154,
349.390

 91, 41.154,
349.390

■ 31, 41.154,
349.390

■ 31, 41.154,
349.390

■ 29, 45.316,
351.337

■ 34, 35.962,
347.792

■ 27, 48.196,
353.753

■ 36, 30.058,
346.447

■ 26, 49.866,
356.690

■ 40, 23.727,
345.288

■ 26, 50.438,
357.721

■ 43, 17.198,
344.266

■ 46, 10.636,
343.347

■ 50, 4.152, 342.482

■ 54, 2.187, 161.924

■ 57, 8.345, 161.137

■ 61, 14.306,
160.481

Harmonies

Complementary

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



31, 41.154, 349.390



47, 39.570, 154.752

Rectangle

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



31, 41.154, 349.390



31, 41.154, 39.390



31, 41.154, 169.390



31, 41.154, 219.390

Sweetspot

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



31, 41.152, 349.391



58, 16.100, 343.702



26, 53.899, 311.297



29, 10.946, 343.913



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



31, 41.152, 349.391



38, 57.215, 352.584



30, 40.330, 26.268



24, 3.545, 342.703



26, 50.490, 357.727



55, 84.450, 359.987

Inverse Universe

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



31, 41.152, 349.391



38, 57.215, 352.584



48, 25.742, 193.054



24, 3.545, 342.703



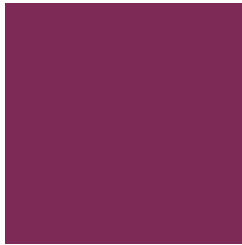
26, 50.490, 357.727



55, 84.450, 359.987

Previews

White Background



This preview shows how the CIE LCh color 31, 41.154, 349.390 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 31, 41.154, 349.390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

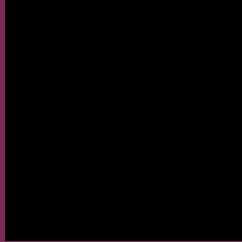
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 41.154, 349.390

Background



This preview shows how black text looks on a background with the CIELCh color 31, 41.154, 349.390.



This preview shows how white text looks on a background with the CIELCh color 31, 41.154, 349.390.

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

31, 41.154, 349.390

Protanopia

32, 21.732, 284.734

Deuteranopia

31, 6.300, 315.075



Tritanopia
31, 34.606, 23.650

Trichromacy



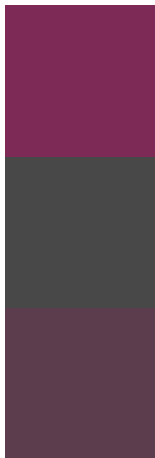
Original Color
31, 41.154, 349.390

Protanomaly
30, 25.336, 314.731

Deuteranomaly
30, 20.028, 339.117

Tritanomaly
31, 35.307, 9.642

Monochromacy



Original Color
31, 41.154, 349.390

Achromatopsia
31, 0.005, 296.813

Achromatomaly
30, 16.550, 344.628

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 41.154, 349.390 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(125, 42, 86)` looks like.

```
.text, #text, p{  
    color:rgb(125, 42, 86)  
}
```

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(125, 42, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 42, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 41.154, 349.390 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(125, 42, 86) }
```

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

```
.border{ border-color:rgb(125, 42, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 42, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 42, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 42, 86);  
box-shadow:4px 4px 4px 4px rgb(125, 42,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 31, 41.154, 349.390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 42, 86) }
```

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

```
.background{ background-color: rgb(125, 42,  
86) }
```

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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