

Converting Colors

CIELCh(31, 44.757, 346.883)

Have a look what the booklet for
CIELCh(31, 44.757, 346.883)
contains.

CIELCh(31, 44.572, 346.601)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(31, 44.572, 346.601)

Conversions

Conversions Part 1

Format	Color
Hex	7F265A
RGB	127, 38, 90
RGB Percent	50%, 15%, 35%
CMY	0.5016, 0.8506, 0.6467
CMYK	0.00, 0.70, 0.29, 0.50
HSL	325°, 54%, 32%
HSV	325°, 70%, 50%
XYZ	11.3121, 6.6515, 10.3797
YIQ	70.5390, 36.3520, 35.0400

Conversions

Conversions Part 2

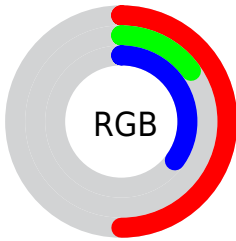
Format	Color
R_{YB}	127, 38, 90
Decimal	8332890
CIE Lab	31.00, 43.36, -10.33
CIE LCh	31, 44.572, 346.601
Yxy	6.6515, 0.3991, 0.2347
Android (android.graphics.Color)	4286522970 (0xFF7F265A)
YUV	70.5390, 9.5943, 49.5163
Hunter-Lab	25.7905, 33.1592, -5.8086

Details

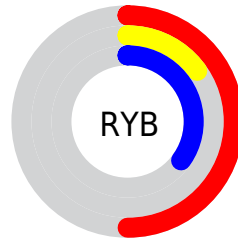
The CIELCh color **31, 44.572, 346.601** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **47, 43.934, 151.669**, and the grayscale version is **30, 0.005, 296.813**.

A 20% lighter version of the original color is **51, 44.735, 346.798**, and **13, 36.331, 350.090** is the 20% darker color. If you saturate the color by 10%, you get **29, 48.347, 348.400**, and if you desaturate by 10%, it is **33, 39.585, 345.115**.

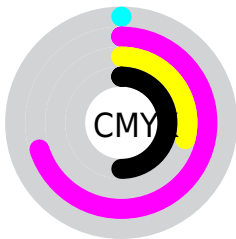
Distribution



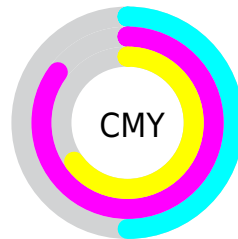
- Red (50%)
- Green (15%)
- Blue (35%)



- Red (50%)
- Yellow (15%)
- Blue (35%)



- Cyan (0%)
- Magenta (70%)
- Yellow (29%)
- Black (50%)





- Cyan (50%)
- Magenta (85%)
- Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 31, 44.572, 346.601 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, 44.572, 346.601 by changing the saturation by 10% instead.


 31, 44.572,
346.601


 31, 44.572,
346.601

 100, 44.572,
346.601


 21, 44.572,
346.601

 51, 44.572,
346.601


 11, 44.572,
346.601


 61, 44.572,
346.601

 1, 44.572, 346.601

 71, 44.572,
346.601

 0, 44.572, 346.601

 81, 44.572,
346.601

 91, 44.572,
346.601

■ 31, 44.572,
346.601

■ 31, 44.572,
346.601

■ 29, 48.347,
348.400

■ 33, 39.585,
345.115

■ 28, 50.689,
350.618

■ 36, 33.708,
343.854

■ 27, 52.089,
353.153

■ 39, 27.254,
342.758

■ 42, 20.489,
341.784

■ 46, 13.611,
340.901

■ 50, 6.758, 340.082

■ 53, 0.020, 325.608

■ 57, 6.554, 158.744

■ 61, 12.936,
158.089

Harmonies

Complementary

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



31, 44.572, 346.601



47, 43.934, 151.669

Rectangle

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



31, 44.572, 346.601



31, 44.572, 36.601



31, 44.572, 166.601



31, 44.572, 216.601

Sweetspot

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



31, 44.570, 346.602



59, 17.754, 341.027



25, 57.550, 309.663



29, 12.125, 341.225



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



31, 44.570, 346.602



38, 60.595, 349.666



30, 42.075, 22.601



25, 3.807, 340.007



27, 52.205, 353.164



0, 0.000, 0.000

Inverse Universe

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



31, 44.570, 346.602



38, 60.595, 349.666



48, 28.111, 185.652



25, 3.807, 340.007



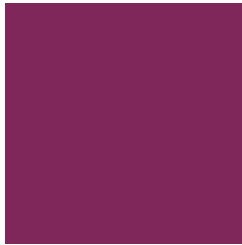
27, 52.205, 353.164



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIE LCh color 31, 44.572, 346.601 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, 44.572, 346.601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

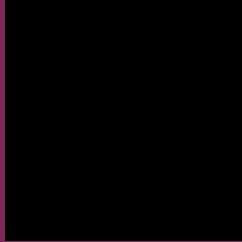
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 31, 44.572, 346.601

Background



This preview shows how black text looks on a background with the CIELCh color 31, 44.572, 346.601.



This preview shows how white text looks on a background with the CIELCh color 31, 44.572, 346.601.

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, 44.572, 346.601

Protanopia

32, 26.815, 285.013

Deuteranopia

31, 8.470, 302.933



Tritanopia
31, 36.063, 24.158

Trichromacy



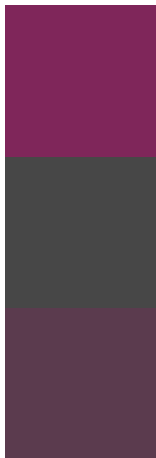
Original Color
31, 44.572, 346.601

Protanomaly
30, 30.784, 311.814

Deuteranomaly
30, 22.418, 333.840

Tritanomaly
31, 37.005, 8.267

Monochromacy



Original Color
31, 44.572, 346.601

Achromatopsia
30, 0.005, 296.813

Achromatomaly
29, 18.342, 341.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 31, 44.572, 346.601 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(127, 38, 90)` looks like.

```
.text, #text, p{  
    color:rgb(127, 38, 90)  
}
```

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(127, 38, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 38, 90) }
```

Border

The CSS property to change the border of an element to CIELCh 31, 44.572, 346.601 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(127, 38, 90) }
```

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

```
.border{ border-color:rgb(127, 38, 90) }
```

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

Here you see how a box with a 4 pixel rgb(127, 38, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 38, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 38, 90);  
box-shadow:4px 4px 4px 4px rgb(127, 38,  
90) }
```

Background

The CSS property to change the background color of an element to CIELCh 31, 44.572, 346.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 38, 90) }
```

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

```
.background{ background-color: rgb(127, 38,  
90) }
```

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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