

Converting Colors

CIELCh(30, 47.032, 352.808)

Have a look what the booklet for
CIELCh(30, 47.032, 352.808)
contains.

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Color

CIELCh(30, 46.901, 352.776)

Conversions

Conversions Part 1

Format	Color
Hex	821D51
RGB	130, 29, 81
RGB Percent	51%, 11%, 32%
CMY	0.4897, 0.8857, 0.6820
CMYK	0.00, 0.78, 0.38, 0.49
HSL	329°, 63%, 31%
HSV	329°, 78%, 51%
XYZ	11.1554, 6.2359, 8.4200
YIQ	65.1270, 43.5040, 37.5840

Conversions

Conversions Part 2

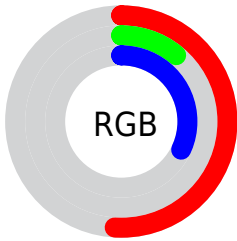
Format	Color
R_{YB}	130, 29, 81
Decimal	8527185
CIE _{Lab}	30.00, 46.53, -5.90
CIE _{LCh}	30, 46.901, 352.776
Yxy	6.2359, 0.4322, 0.2416
Android (android.graphics.Color)	4286717265 (0xFF821D51)
YUV	65.1270, 7.8254, 56.8936
Hunter-Lab	24.9718, 36.0392, -2.5112

Details

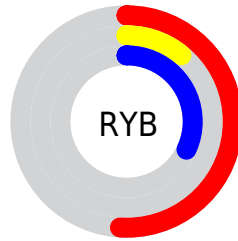
The CIELCh color **30, 46.901, 352.776** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **48, 45.544, 153.579**, and the grayscale version is **28, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 46.512, 352.891**, and **14, 35.555, 358.816** is the 20% darker color. If you saturate the color by 10%, you get **28, 49.704, 355.398**, and if you desaturate by 10%, it is **32, 42.755, 350.677**.

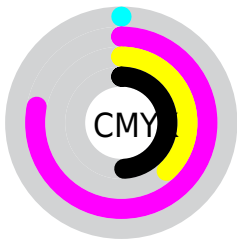
Distribution



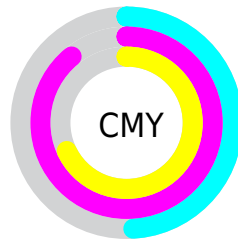
- Red (51%)
- Green (11%)
- Blue (32%)



- Red (51%)
- Yellow (11%)
- Blue (32%)



- Cyan (0%)
- Magenta (78%)
- Yellow (38%)
- Black (49%)





- Cyan (49%)
- Magenta (89%)
- Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 46.901, 352.776 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, 46.901, 352.776 by changing the saturation by 10% instead.


 30, 46.901,
352.776


 30, 46.901,
352.776

 100, 46.901,
352.776


 20, 46.901,
352.776


 50, 46.901,
352.776


 10, 46.901,
352.776

 60, 46.901,
352.776

 0, 46.901, 352.776

 70, 46.901,
352.776

 80, 46.901,
352.776

 90, 46.901,
352.776

■ 30, 46.901,
352.776

■ 30, 46.901,
352.776

■ 28, 49.704,
355.398

■ 32, 42.755,
350.677

■ 27, 51.343,
358.557

■ 35, 37.522,
348.966

■ 27, 51.743,
359.313

■ 38, 31.520,
347.539

■ 41, 25.051,
346.319

■ 44, 18.361,
345.251

■ 48, 11.628,
344.298

■ 52, 4.971, 343.413

■ 55, 1.538, 162.886

Harmonies

Complementary

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



30, 46.901, 352.776



48, 45.544, 153.579

Rectangle

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



30, 46.901, 352.776



30, 46.901, 42.776



30, 46.901, 172.776



30, 46.901, 222.776

Sweetspot

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



30, 46.899, 352.777



58, 18.835, 344.850



24, 64.010, 312.097



29, 13.000, 345.150



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



30, 46.899, 352.777



37, 61.404, 357.789



29, 49.576, 31.020



26, 3.750, 343.548



27, 51.724, 359.311



0, 0.889, 342.870

Inverse Universe

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



30, 46.899, 352.777



37, 61.404, 357.789



49, 28.511, 194.544



26, 3.750, 343.548



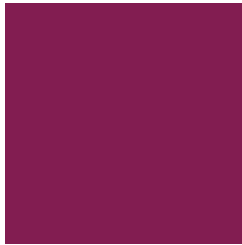
27, 51.724, 359.311



0, 0.889, 342.870

Previews

White Background



This preview shows how the CIE LCh color 30, 46.901, 352.776 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, 46.901, 352.776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

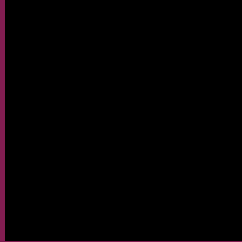
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 46.901, 352.776

Background



This preview shows how black text looks on a background with the CIELCh color 30, 46.901, 352.776.



This preview shows how white text looks on a background with the CIELCh color 30, 46.901, 352.776.

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, 46.901, 352.776

Protanopia

31, 24.383, 284.951

Deuteranopia

31, 4.917, 329.067



Tritanopia
30, 42.370, 27.458

Trichromacy



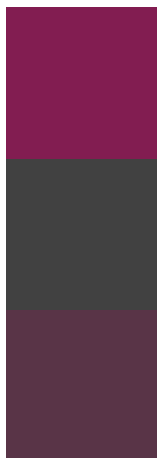
Original Color
30, 46.901, 352.776

Protanomaly
29, 29.761, 316.655

Deuteranomaly
29, 22.744, 344.140

Tritanomaly
30, 42.013, 14.055

Monochromacy



Original Color
30, 46.901, 352.776

Achromatopsia
28, 0.004, 296.813

Achromatomaly
27, 20.234, 346.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 46.901, 352.776 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(130, 29, 81)` looks like.

```
.text, #text, p{  
    color:rgb(130, 29, 81)  
}
```

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(130, 29, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 29, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 46.901, 352.776 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(130, 29, 81) }
```

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

```
.border{ border-color:rgb(130, 29, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 29, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 29, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 29, 81);  
box-shadow:4px 4px 4px 4px rgb(130, 29,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 46.901, 352.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 29, 81) }
```

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

```
.background{ background-color: rgb(130, 29,  
81) }
```

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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