

Converting Colors

CIELCh(30, 54.752, 337.202)

Have a look what the booklet for
CIELCh(30, 54.752, 337.202)
contains.

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Color

CIELCh(30, 55.057, 337.117)

Conversions

Conversions Part 1

Format	Color
Hex	801869
RGB	128, 24, 105
RGB Percent	50%, 9%, 41%
CMY	0.4987, 0.9068, 0.5889
CMYK	0.00, 0.81, 0.18, 0.50
HSL	313°, 69%, 30%
HSV	313°, 81%, 50%
XYZ	11.7389, 6.2359, 13.9062
YIQ	64.3300, 35.9830, 47.2390

Conversions

Conversions Part 2

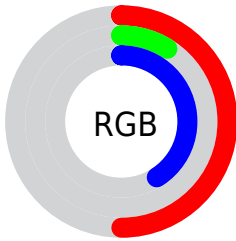
Format	Color
R_{YB}	128, 24, 105
Decimal	8394857
CIE _{Lab}	30.00, 50.72, -21.41
CIE _{LCh}	30, 55.057, 337.117
Yxy	6.2359, 0.3682, 0.1956
Android (android.graphics.Color)	4286584937 (0xFF801869)
YUV	64.3300, 20.0503, 55.8386
Hunter-Lab	24.9718, 40.2095, -15.5369

Details

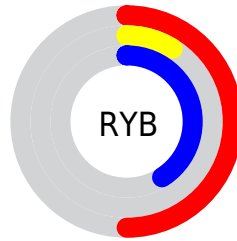
The CIELCh color **30, 55.057, 337.117** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **47, 57.935, 142.517**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 54.928, 337.393**, and **14, 40.331, 339.244** is the 20% darker color. If you saturate the color by 10%, you get **29, 57.418, 338.115**, and if you desaturate by 10%, it is **32, 51.095, 336.231**.

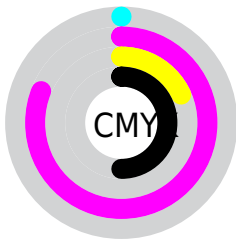
Distribution



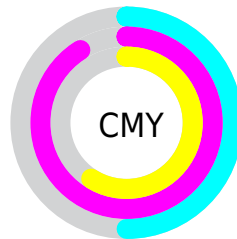
- Red (50%)
- Green (9%)
- Blue (41%)



- Red (50%)
- Yellow (9%)
- Blue (41%)



- Cyan (0%)
- Magenta (81%)
- Yellow (18%)
- Black (50%)





- Cyan (50%)
- Magenta (91%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 55.057, 337.117 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, 55.057, 337.117 by changing the saturation by 10% instead.


 30, 55.057,
337.117


 30, 55.057,
337.117

 100, 55.057,
337.117


 20, 55.057,
337.117


 50, 55.057,
337.117


 10, 55.057,
337.117

 60, 55.057,
337.117

 0, 55.057, 337.117

 70, 55.057,
337.117

 80, 55.057,
337.117

 90, 55.057,
337.117

■ 30, 55.057,
337.117

■ 30, 55.057,
337.117

■ 29, 57.418,
338.115

■ 32, 51.095,
336.231

■ 28, 58.689,
339.032

■ 34, 45.749,
335.421

■ 36, 39.330,
334.663

■ 39, 32.170,
333.943

■ 43, 24.564,
333.253

■ 46, 16.743,
332.586

■ 49, 8.879, 331.939

■ 53, 1.085, 331.146

Harmonies

Complementary

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



30, 55.057, 337.117



47, 57.935, 142.517

Rectangle

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



30, 55.057, 337.117



30, 55.057, 27.117



30, 55.057, 157.117



30, 55.057, 207.117

Sweetspot

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



30, 55.055, 337.117



57, 23.237, 332.794



19, 67.382, 306.430



29, 16.089, 332.996



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, 55.055, 337.117



37, 70.473, 339.111



28, 45.981, 12.334



25, 4.375, 331.789



28, 58.584, 339.028



0, 0.000, 0.000

Inverse Universe

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



30, 55.055, 337.117



37, 70.473, 339.111



48, 36.684, 167.362



25, 4.375, 331.789



28, 58.584, 339.028



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 30, 55.057, 337.117 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, 55.057, 337.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

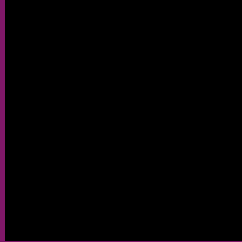
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 55.057, 337.117

Background



This preview shows how black text looks on a background with the CIELCh color 30, 55.057, 337.117.

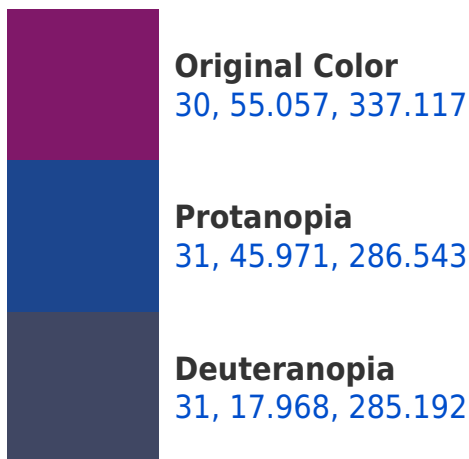


This preview shows how white text looks on a background with the CIELCh color 30, 55.057, 337.117.

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





Tritanopia
30, 37.410, 25.683

Trichromacy



Original Color
30, 55.057, 337.117

Protanomaly
27, 48.453, 302.194

Deuteranomaly
28, 32.550, 317.647

Tritanomaly
30, 40.199, 2.520

Monochromacy



Original Color
30, 55.057, 337.117

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 24.890, 333.560

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 55.057, 337.117 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(128, 24, 105)` looks like.

```
.text, #text, p{  
    color:rgb(128, 24, 105)  
}
```

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(128, 24, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 24, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 55.057, 337.117 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(128, 24, 105) }
```

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

```
.border{ border-color:rgb(128, 24, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 24, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 24, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 24, 105);  
box-shadow:4px 4px 4px 4px rgb(128, 24,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 55.057, 337.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 24, 105) }
```

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

```
.background{ background-color: rgb(128, 24,  
105) }
```

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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