

Converting Colors

CIELCh(30, 52.315, 345.832)

Have a look what the booklet for
CIELCh(30, 52.315, 345.832)
contains.

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Color

CIELCh(30, 52.447, 345.542)

Conversions

Conversions Part 1

Format	Color
Hex	84155C
RGB	132, 21, 92
RGB Percent	52%, 8%, 36%
CMY	0.4818, 0.9168, 0.6387
CMYK	0.00, 0.84, 0.30, 0.48
HSL	322°, 72%, 30%
HSV	322°, 84%, 52%
XYZ	11.7476, 6.2359, 10.7387
YIQ	62.2830, 43.3650, 45.6130

Conversions

Conversions Part 2

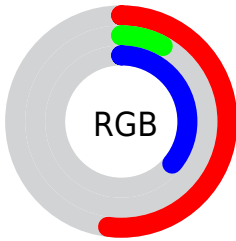
Format	Color
R _Y B	132, 21, 92
Decimal	8656220
CIE Lab	30.00, 50.79, -13.09
CIE LCh	30, 52.447, 345.542
Yxy	6.2359, 0.4090, 0.2171
Android (android.graphics.Color)	4286846300 (0xFF84155C)
YUV	62.2830, 14.6505, 61.1418
Hunter-Lab	24.9718, 40.2722, -8.0165

Details

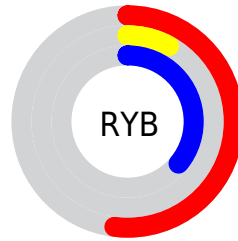
The CIELCh color **30, 52.447, 345.542** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **48, 54.610, 146.850**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 52.716, 345.799**, and **14, 37.504, 350.705** is the 20% darker color. If you saturate the color by 10%, you get **29, 54.198, 347.530**, and if you desaturate by 10%, it is **32, 49.120, 343.912**.

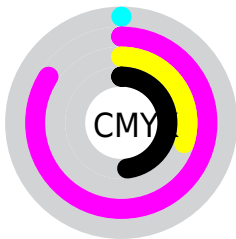
Distribution



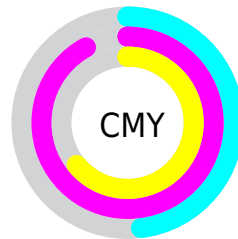
- Red (52%)
- Green (8%)
- Blue (36%)



- Red (52%)
- Yellow (8%)
- Blue (36%)



- Cyan (0%)
- Magenta (84%)
- Yellow (30%)
- Black (48%)





- Cyan (48%)
- Magenta (92%)
- Yellow (64%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 52.447, 345.542 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, 52.447, 345.542 by changing the saturation by 10% instead.


 30, 52.447,
345.542


 30, 52.447,
345.542

 100, 52.447,
345.542


 20, 52.447,
345.542


 50, 52.447,
345.542


 10, 52.447,
345.542

 60, 52.447,
345.542

 0, 52.447, 345.542

 70, 52.447,
345.542

 80, 52.447,
345.542

 90, 52.447,
345.542

■ 30, 52.447,
345.542

■ 30, 52.447,
345.542

■ 29, 54.198,
347.530

■ 32, 49.120,
343.912

■ 28, 54.973,
348.805

■ 34, 44.375,
342.550

■ 37, 38.517,
341.384

■ 40, 31.889,
340.359

■ 43, 24.798,
339.438

■ 46, 17.486,
338.597

■ 50, 10.130,
337.813

■ 54, 2.846, 337.029

Harmonies

Complementary

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



30, 52.447, 345.542



48, 54.610, 146.850

Rectangle

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



30, 52.447, 345.542



30, 52.447, 35.542



30, 52.447, 165.542



30, 52.447, 215.542

Sweetspot

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



30, 52.445, 345.543



59, 22.526, 338.727



21, 69.990, 309.105



29, 15.496, 338.976



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, 52.445, 345.543



37, 66.059, 349.435



28, 50.428, 24.240



26, 4.091, 337.447



28, 54.358, 348.762



0, 0.972, 336.847

Inverse Universe

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



30, 52.445, 345.543



37, 66.059, 349.435



49, 33.288, 178.910



26, 4.091, 337.447



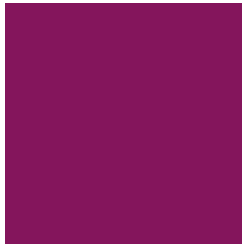
28, 54.358, 348.762



0, 0.972, 336.847

Previews

White Background



This preview shows how the CIELCh color 30, 52.447, 345.542 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, 52.447, 345.542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

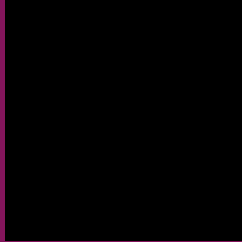
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 52.447, 345.542

Background



This preview shows how black text looks on a background with the CIELCh color 30, 52.447, 345.542.



This preview shows how white text looks on a background with the CIELCh color 30, 52.447, 345.542.

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, 52.447, 345.542

Protanopia

31, 35.826, 285.558

Deuteranopia

31, 9.628, 296.769



Tritanopia
30, 43.349, 27.814

Trichromacy



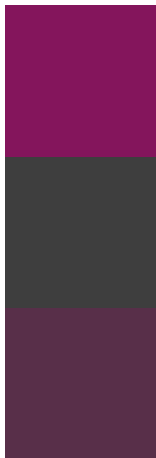
Original Color
30, 52.447, 345.542

Protanomaly
28, 40.179, 308.914

Deuteranomaly
29, 27.880, 331.974

Tritanomaly
30, 43.649, 10.311

Monochromacy



Original Color
30, 52.447, 345.542

Achromatopsia
26, 0.004, 296.813

Achromatomaly
26, 24.098, 340.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 52.447, 345.542 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, 21, 92)` looks like.

```
.text, #text, p{  
    color:rgb(132, 21, 92)  
}
```

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, 21, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 21, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 52.447, 345.542 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, 21, 92) }
```

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

```
.border{ border-color:rgb(132, 21, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 21, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 21, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 21, 92);  
box-shadow:4px 4px 4px 4px rgb(132, 21,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 30, 52.447, 345.542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 21, 92) }
```

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

```
.background{ background-color: rgb(132, 21,  
92) }
```

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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