

Converting Colors

CIELCh(20, 85.960, 349.548)

Have a look what the booklet for
CIELCh(20, 85.960, 349.548)
contains.

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Color

CIELCh(30, 54.610, 358.994)

Conversions

Conversions Part 1

Format	Color
Hex	8D034A
RGB	141, 3, 74
RGB Percent	55%, 1%, 29%
CMY	0.4460, 0.9902, 0.7097
CMYK	0.00, 0.98, 0.48, 0.45
HSL	329°, 97%, 28%
HSV	329°, 98%, 55%
XYZ	12.2959, 6.2359, 7.0391
YIQ	52.3560, 59.4570, 51.3370

Conversions

Conversions Part 2

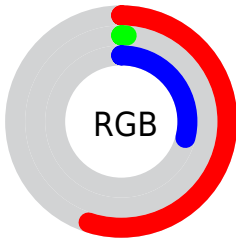
Format	Color
RYB	141, 3, 74
Decimal	9241418
CIELab	30.00, 54.60, -0.96
CIELCh	30, 54.610, 358.994
Yxy	6.2359, 0.4809, 0.2439
Android (android.graphics.Color)	4287431498 (0xFF8D034A)
YUV	52.3560, 10.6705, 77.7408
Hunter-Lab	24.9718, 44.1909, 0.7675

Details

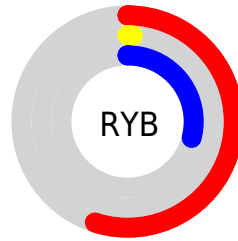
The CIELCh color **30, 54.610, 358.994** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **51, 56.990, 149.267**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 54.406, 359.095**, and **15, 37.716, 9.894** is the 20% darker color. If you saturate the color by 10%, you get **30, 54.886, 359.579**, and if you desaturate by 10%, it is **31, 53.051, 355.720**.

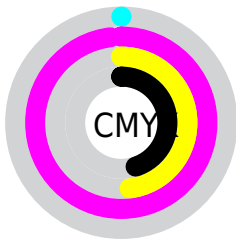
Distribution



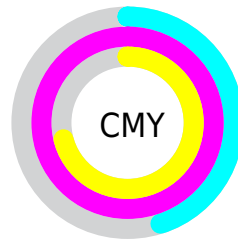
- Red (55%)
- Green (1%)
- Blue (29%)



- Red (55%)
- Yellow (1%)
- Blue (29%)



- Cyan (0%)
- Magenta (98%)
- Yellow (48%)
- Black (45%)




- Cyan (45%)
- Magenta (99%)
- Yellow (71%)
- Black (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 54.610, 358.994 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, 54.610, 358.994 by changing the saturation by 10% instead.


 30, 54.610,
358.994


 30, 54.610,
358.994

 100, 54.610,
358.994


 20, 54.610,
358.994

 50, 54.610,
358.994

 10, 54.610,
358.994

 60, 54.610,
358.994

 0, 54.610, 358.994

 70, 54.610,
358.994

 80, 54.610,
358.994

 90, 54.610,
358.994

■ 30, 54.610,
358.994

■ 30, 54.610,
358.994

■ 30, 54.886,
359.579

■ 31, 53.051,
355.720

■ 33, 50.245,
353.008

■ 35, 45.972,
350.842

■ 37, 40.488,
349.083

■ 41, 34.135,
347.622

■ 44, 27.249,
346.377

■ 48, 20.102,
345.291

■ 51, 12.894,

344.323

■ 55, 5.761, 343.430

Harmonies

Complementary

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



30, 54.610, 358.994



51, 56.990, 149.267

Rectangle

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



30, 54.610, 358.994



30, 54.610, 48.994



30, 54.610, 178.994



30, 54.610, 228.994

Sweetspot

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



30, 54.607, 358.995



60, 25.588, 345.434



21, 79.673, 311.801



29, 17.510, 345.833



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



30, 54.607, 358.995



40, 66.407, 0.523



29, 65.109, 38.034



28, 3.992, 343.515



28, 53.171, 359.398



1, 2.668, 342.827

Inverse Universe

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



30, 54.607, 358.995



40, 66.407, 0.523



53, 32.558, 193.959



28, 3.992, 343.515



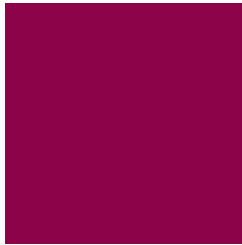
28, 53.171, 359.398



1, 2.668, 342.827

Previews

White Background



This preview shows how the CIELCh color 30, 54.610, 358.994 looks on a white background.

Color Contrast Check

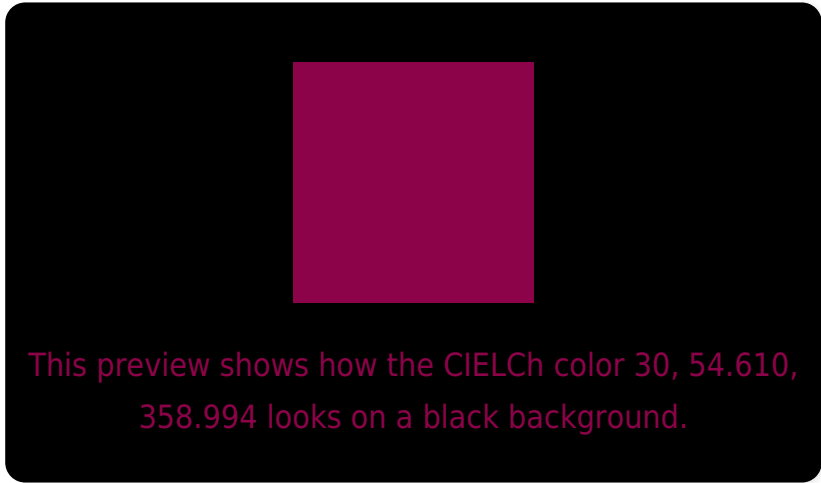
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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, 54.610, 358.994

Background



This preview shows how black text looks on a background with the CIELCh color 30, 54.610, 358.994.



This preview shows how white text looks on a background with the CIELCh color 30, 54.610, 358.994.

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, 54.462, 358.952

Protanopia

32, 21.732, 284.734

Deuteranopia

31, 5.812, 39.173



Tritanopia
31, 53.620, 32.201

Trichromacy



Original Color
30, 54.462, 358.952

Protanomaly
27, 34.741, 324.398

Deuteranomaly
28, 29.033, 355.041

Tritanomaly
30, 52.382, 19.779

Monochromacy



Original Color
30, 54.462, 358.952

Achromatopsia
22, 0.004, 296.813

Achromatomaly
21, 27.177, 348.462

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 54.610, 358.994 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(141, 3, 74)` looks like.

```
.text, #text, p{  
    color:rgb(141, 3, 74)  
}
```

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(141, 3, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 3, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 54.610, 358.994 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(141, 3, 74) }
```

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

```
.border{ border-color:rgb(141, 3, 74) }
```

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

Here you see how a box with a 4 pixel rgb(141, 3, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 3, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 3, 74);  
box-shadow:4px 4px 4px 4px rgb(141, 3, 74)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 54.610, 358.994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 3, 74) }
```

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

```
.background{ background-color: rgb(141, 3,  
74) }
```

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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