

Converting Colors

CIELCh(30, 56.172, 350.061)

Have a look what the booklet for
CIELCh(30, 56.172, 350.061)
contains.

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Color

CIELCh(30, 56.073, 350.163)

Conversions

Conversions Part 1

Format	Color
Hex	8B0357
RGB	139, 3, 87
RGB Percent	55%, 1%, 34%
CMY	0.4551, 0.9885, 0.6590
CMYK	0.00, 0.98, 0.37, 0.46
HSL	323°, 96%, 28%
HSV	323°, 98%, 54%
XYZ	12.3905, 6.2359, 9.5594
YIQ	53.2400, 54.0920, 54.9560

Conversions

Conversions Part 2

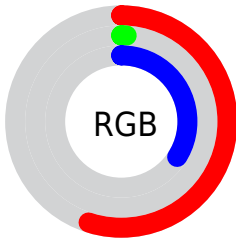
Format	Color
RYB	139, 3, 87
Decimal	9110359
CIELab	30.00, 55.25, -9.58
CIElCh	30, 56.073, 350.163
Yxy	6.2359, 0.4396, 0.2212
Android (android.graphics.Color)	4287300439 (0xFF8B0357)
YUV	53.2400, 16.6437, 75.2115
Hunter-Lab	24.9718, 44.8673, -5.2165

Details

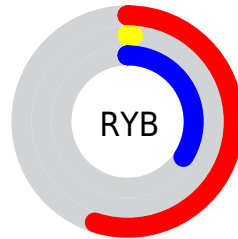
The CIELCh color **30, 56.073, 350.163** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **50, 61.741, 144.890**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **50, 56.381, 350.115**, and **16, 37.872, 357.761** is the 20% darker color. If you saturate the color by 10%, you get **30, 56.336, 350.656**, and if you desaturate by 10%, it is **31, 54.736, 347.853**.

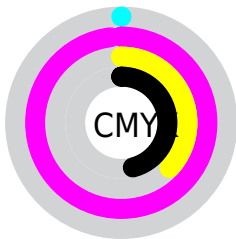
Distribution



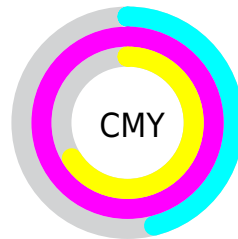
- Red (55%)
- Green (1%)
- Blue (34%)



- Red (55%)
- Yellow (1%)
- Blue (34%)



- Cyan (0%)
- Magenta (98%)
- Yellow (37%)
- Black (46%)





- Cyan (46%)
- Magenta (99%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 30, 56.073, 350.163 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, 56.073, 350.163 by changing the saturation by 10% instead.


 30, 56.073,
350.163


 30, 56.073,
350.163

 100, 56.073,
350.163


 20, 56.073,
350.163


 50, 56.073,
350.163


 10, 56.073,
350.163

 60, 56.073,
350.163

 0, 56.073, 350.163

 70, 56.073,
350.163

 80, 56.073,
350.163

 90, 56.073,
350.163

■ 30, 56.073,
350.163

■ 30, 56.073,
350.163

■ 30, 56.336,
350.656

■ 31, 54.736,
347.853

■ 33, 51.993,
345.922

■ 35, 47.681,
344.340

■ 37, 42.075,
343.012

■ 40, 35.531,
341.869

■ 44, 28.390,
340.860

■ 47, 20.934,
339.951

■ 51, 13.374,

339.117

■ 55, 5.853, 338.329

Harmonies

Complementary

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



30, 56.073, 350.163



50, 61.741, 144.890

Rectangle

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



30, 56.073, 350.163



30, 56.073, 40.163



30, 56.073, 170.163



30, 56.073, 220.163

Sweetspot

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



30, 56.070, 350.164



60, 27.018, 340.103



19, 80.331, 309.508



29, 18.679, 340.443



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, 56.070, 350.164



40, 68.154, 351.336



28, 59.981, 31.929



27, 4.158, 338.428



28, 54.501, 350.521



0, 1.914, 337.810

Inverse Universe

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



30, 56.070, 350.164



40, 68.154, 351.336



52, 36.026, 178.796



27, 4.158, 338.428



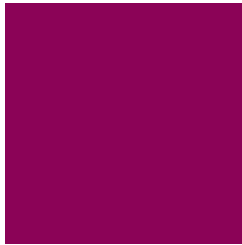
28, 54.501, 350.521



0, 1.914, 337.810

Previews

White Background



This preview shows how the CIELCh color 30, 56.073, 350.163 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, 56.073, 350.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

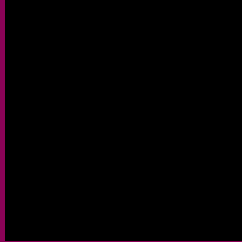
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 30, 56.073, 350.163

Background



This preview shows how black text looks on a background with the CIELCh color 30, 56.073, 350.163.



This preview shows how white text looks on a background with the CIELCh color 30, 56.073, 350.163.

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, 56.073, 350.163

Protanopia

31, 33.805, 285.974

Deuteranopia

31, 6.300, 315.075



Tritanopia
31, 49.550, 30.048

Trichromacy



Original Color
30, 56.073, 350.163

Protanomaly
27, 42.819, 314.205

Deuteranomaly
28, 31.025, 339.130

Tritanomaly
30, 49.344, 13.506

Monochromacy



Original Color
30, 56.073, 350.163

Achromatopsia
22, 0.004, 296.813

Achromatomaly
22, 28.122, 342.967

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 30, 56.073, 350.163 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(139, 3, 87)` looks like.

```
.text, #text, p{  
    color:rgb(139, 3, 87)  
}
```

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(139, 3, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 3, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 30, 56.073, 350.163 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(139, 3, 87) }
```

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

```
.border{ border-color:rgb(139, 3, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 3, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 3, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 3, 87);  
box-shadow:4px 4px 4px 4px rgb(139, 3, 87)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 30, 56.073, 350.163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 3, 87) }
```

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

```
.background{ background-color: rgb(139, 3,  
87) }
```

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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