

Converting Colors

CIELCh(24, 53.470, 338.513)

Have a look what the booklet for
CIELCh(24, 53.470, 338.513)
contains.

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Color

CIELCh(24, 53.350, 338.557)

Conversions

Conversions Part 1

Format	Color
Hex	6F0057
RGB	111, 0, 87
RGB Percent	44%, 0%, 34%
CMY	0.5636, 0.9982, 0.6578
CMYK	0.00, 1.00, 0.22, 0.56
HSL	313°, 99%, 22%
HSV	313°, 100%, 44%
XYZ	8.3273, 4.1002, 9.4242
YIQ	43.1070, 38.2290, 50.5890

Conversions

Conversions Part 2

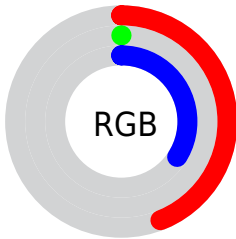
Format	Color
RYB	111, 0, 87
Decimal	7274583
CIELab	24.00, 49.66, -19.50
CIElCh	24, 53.350, 338.557
Yxy	4.1002, 0.3811, 0.1876
Android (android.graphics.Color)	4285464663 (0xFF6F0057)
YUV	43.1070, 21.6392, 59.5422
Hunter-Lab	20.2490, 37.9716, -13.4201

Details

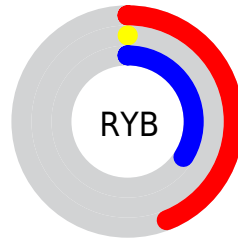
The CIELCh color **24, 53.350, 338.557** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **40, 59.263, 139.831**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **44, 53.086, 338.615**, and **10, 33.279, 342.396** is the 20% darker color. If you saturate the color by 10%, you get **24, 53.422, 338.597**, and if you desaturate by 10%, it is **25, 51.635, 337.573**.

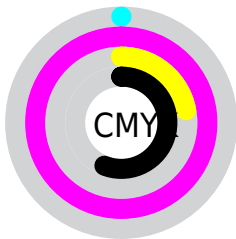
Distribution



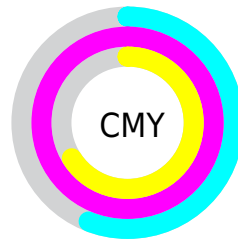
- Red (44%)
- Green (0%)
- Blue (34%)



- Red (44%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (22%)
- Black (56%)





- Cyan (56%)
- Magenta (100%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 53.350, 338.557 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 24, 53.350, 338.557 by changing the saturation by 10% instead.

 24, 53.350,
338.557


 24, 53.350,
338.557

 100, 53.350,
338.557


 14, 53.350,
338.557


 44, 53.350,
338.557


 4, 53.350, 338.557

 54, 53.350,
338.557

 0, 53.350, 338.557

 64, 53.350,
338.557

 74, 53.350,
338.557

 84, 53.350,
338.557

 94, 53.350,

338.557

■ 24, 53.350,
338.557

■ 24, 53.350,
338.557

■ 24, 53.422,
338.597

■ 25, 51.635,
337.573

■ 26, 49.072,
336.646

■ 28, 45.144,
335.812

■ 30, 40.066,
335.041

■ 32, 34.122,
334.313

■ 35, 27.595,
333.617

■ 38, 20.727,
332.947

■ 41, 13.709,
332.299

■ 44, 6.676, 331.665

Harmonies

Complementary

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



24, 53.350, 338.557



40, 59.263, 139.831

Rectangle

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



24, 53.350, 338.557



24, 53.350, 28.557



24, 53.350, 158.557



24, 53.350, 208.557

Sweetspot

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



24, 53.348, 338.557



49, 26.154, 333.028



12, 70.774, 307.707



23, 17.962, 333.245



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



24, 53.348, 338.557



32, 64.488, 338.944



22, 47.115, 19.557



22, 3.941, 331.628



26, 56.254, 338.700



56, 95.239, 339.448

Inverse Universe

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



24, 53.348, 338.557



32, 64.488, 338.944



41, 36.852, 164.336



22, 3.941, 331.628



26, 56.254, 338.700



56, 95.239, 339.448

Previews

White Background



This preview shows how the CIELCh color 24, 53.350, 338.557 looks on a white background.

Color Contrast Check

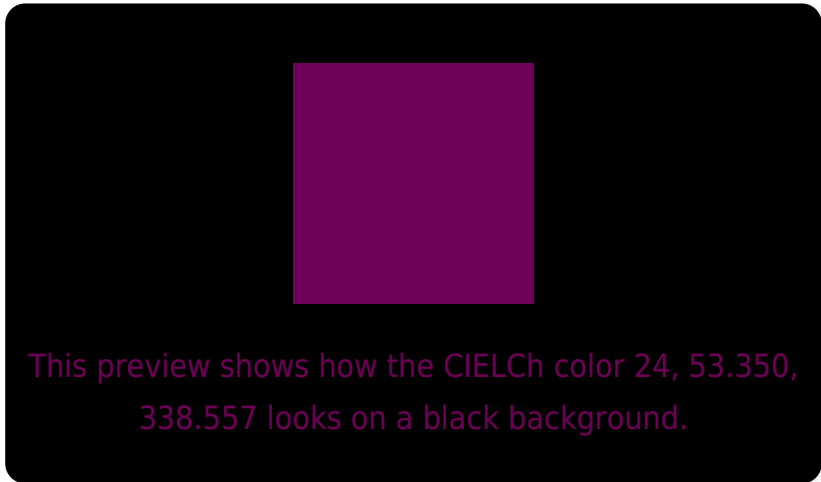
Large Text (above 18pt) WCAG AA ✓ Pass

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

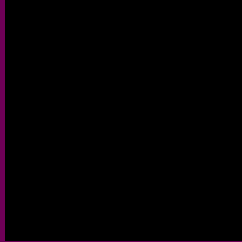
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 53.350, 338.557

Background



This preview shows how black text looks on a background with the CIELCh color 24, 53.350, 338.557.



This preview shows how white text looks on a background with the CIELCh color 24, 53.350, 338.557.

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

24, 53.350, 338.557

Protanopia

26, 42.765, 285.804

Deuteranopia

26, 14.508, 285.472



Tritanopia
25, 36.585, 26.849

Trichromacy



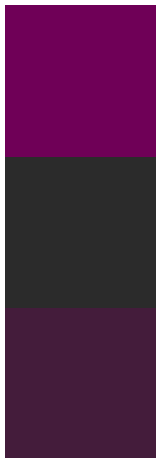
Original Color
24, 53.350, 338.557

Protanomaly
21, 48.779, 302.571

Deuteranomaly
22, 33.239, 321.061

Tritanomaly
24, 40.019, 3.382

Monochromacy



Original Color
24, 53.350, 338.557

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 26.485, 335.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 53.350, 338.557 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(111, 0, 87)` looks like.

```
.text, #text, p{  
    color:rgb(111, 0, 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(111, 0, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 0, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 53.350, 338.557 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(111, 0, 87) }
```

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

```
.border{ border-color:rgb(111, 0, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 0, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 0, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 0, 87);  
box-shadow:4px 4px 4px 4px rgb(111, 0, 87)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 53.350, 338.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 0, 87) }
```

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

```
.background{ background-color: rgb(111, 0,  
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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