

Converting Colors

CIELCh(24, 63.467, 327.517)

Have a look what the booklet for
CIELCh(24, 63.467, 327.517)
contains.

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Color

CIELCh(24, 61.847, 327.542)

Conversions

Conversions Part 1

Format	Color
Hex	6A006C
RGB	106, 0, 108
RGB Percent	42%, 0%, 42%
CMY	0.5848, 1.0000, 0.5767
CMYK	0.02, 1.00, 0.00, 0.58
HSL	299°, 100%, 21%
HSV	299°, 100%, 42%
XYZ	8.6150, 4.1002, 14.5105
YIQ	44.0060, 28.5080, 56.0600

Conversions

Conversions Part 2

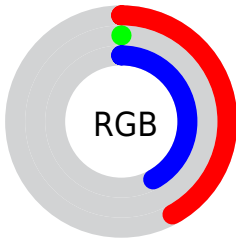
Format	Color
RYB	106, 0, 108
Decimal	6946924
CIELab	24.00, 52.19, -33.19
CIElCh	24, 61.847, 327.542
Yxy	4.1002, 0.3164, 0.1506
Android (android.graphics.Color)	4285137004 (0xFF6A006C)
YUV	44.0060, 31.5490, 54.3687
Hunter-Lab	20.2490, 40.5076, -28.3132

Details

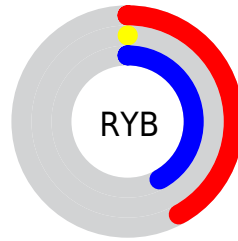
The CIELCh color **24, 61.847, 327.542** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **39, 63.484, 135.867**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **44, 61.347, 327.680**, and **10, 41.340, 325.397** is the 20% darker color. If you saturate the color by 10%, you get **24, 61.426, 327.514**, and if you desaturate by 10%, it is **25, 58.934, 327.420**.

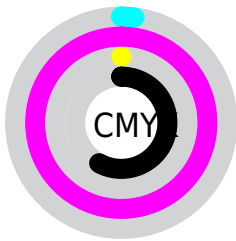
Distribution



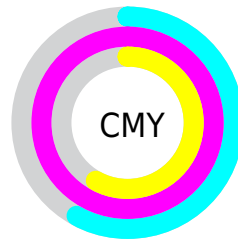
- Red (42%)
- Green (0%)
- Blue (42%)



- Red (42%)
- Yellow (0%)
- Blue (42%)



- Cyan (2%)
- Magenta (100%)
- Yellow (0%)
- Black (58%)





- Cyan (58%)
- Magenta (100%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 61.847, 327.542 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 24, 61.847, 327.542 by changing the saturation by 10% instead.

 24, 61.847,
327.542


 24, 61.847,
327.542

 100, 61.847,
327.542


 14, 61.847,
327.542


 44, 61.847,
327.542

 4, 61.847, 327.542

 54, 61.847,
327.542

 0, 61.847, 327.542

 64, 61.847,
327.542

 74, 61.847,
327.542

 84, 61.847,
327.542

 94, 61.847,

327.542

■ 24, 61.847,
327.542

■ 24, 61.847,
327.542

■ 24, 61.426,
327.514

■ 25, 58.934,
327.420

■ 26, 55.692,
327.278

■ 27, 51.093,
327.044

■ 29, 45.325,
326.728

■ 31, 38.649,
326.343

■ 34, 31.341,
325.905

■ 37, 23.647,
325.430

■ 40, 15.768,
324.931

■ 43, 7.852, 324.417

Harmonies

Complementary

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



24, 61.847, 327.542



39, 63.484, 135.867

Rectangle

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



24, 61.847, 327.542



24, 61.847, 17.542



24, 61.847, 147.542



24, 61.847, 197.542

Sweetspot

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



24, 61.426, 327.514



47, 29.306, 325.470



10, 69.157, 305.534



23, 20.122, 325.623



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

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



24, 61.426, 327.514



32, 74.129, 327.495



22, 45.626, 356.823



21, 4.381, 324.362



27, 65.166, 327.507



57, 112.143, 327.465

Inverse Universe

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



21, 52.594, 35.918



28, 65.471, 38.292



39, 47.676, 148.754



21, 2.546, 18.299



23, 56.447, 36.828



51, 100.623, 39.447

Previews

White Background



This preview shows how the CIE LCh color 24, 61.847, 327.542 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 24, 61.847, 327.542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

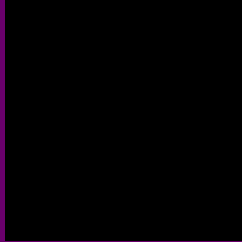
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 61.847, 327.542

Background



This preview shows how black text looks on a background with the CIELCh color 24, 61.847, 327.542.



This preview shows how white text looks on a background with the CIELCh color 24, 61.847, 327.542.

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

24, 61.445, 327.536

Protanopia

26, 43.515, 285.111

Deuteranopia

26, 26.900, 278.235



Tritanopia
25, 28.184, 22.196

Trichromacy



Original Color
24, 61.445, 327.536

Protanomaly
21, 53.862, 300.920

Deuteranomaly
22, 43.634, 307.031

Tritanomaly
24, 38.023, 349.305

Monochromacy



Original Color
24, 61.445, 327.536

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 30.143, 327.096

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 61.847, 327.542 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(106, 0, 108)` looks like.

```
.text, #text, p{  
    color:rgb(106, 0, 108)  
}
```

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(106, 0, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 0, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 61.847, 327.542 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(106, 0, 108) }
```

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

```
.border{ border-color:rgb(106, 0, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 0, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 0, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 0, 108);  
box-shadow:4px 4px 4px 4px rgb(106, 0,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 24, 61.847, 327.542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 0, 108) }
```

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

```
.background{ background-color: rgb(106, 0,  
108) }
```

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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