

Converting Colors

CIELCh(24, 67.396, 321.587)

Have a look what the booklet for
CIELCh(24, 67.396, 321.587)
contains.

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Color

CIELCh(24, 67.373, 321.545)

Conversions

Conversions Part 1

Format	Color
Hex	630279
RGB	99, 2, 121
RGB Percent	39%, 1%, 47%
CMY	0.6102, 0.9936, 0.5240
CMYK	0.18, 0.99, 0.00, 0.52
HSL	289°, 97%, 24%
HSV	289°, 99%, 48%
XYZ	8.6812, 4.1002, 18.5460
YIQ	44.5690, 19.6130, 57.5730

Conversions

Conversions Part 2

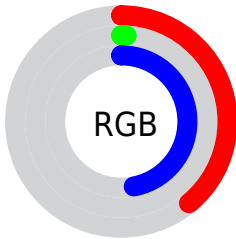
Format	Color
R_{YB}	99, 2, 121
Decimal	6488697
CIE _{Lab}	24.00, 52.76, -41.90
CIE _{LCh}	24, 67.373, 321.545
Yxy	4.1002, 0.2771, 0.1309
Android (android.graphics.Color)	4284678777 (0xFF630279)
YUV	44.5690, 37.6805, 47.7360
Hunter-Lab	20.2490, 41.0913, -40.1294

Details

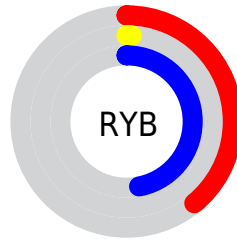
The CIELCh color **24, 67.373, 321.545** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **44, 67.339, 134.538**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **44, 67.069, 321.405**, and **9, 47.684, 317.248** is the 20% darker color. If you saturate the color by 10%, you get **24, 67.781, 321.517**, and if you desaturate by 10%, it is **25, 64.396, 321.785**.

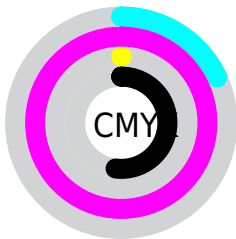
Distribution



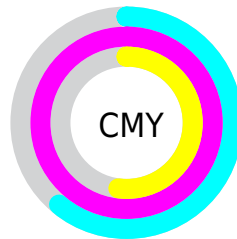
- Red (39%)
- Green (1%)
- Blue (47%)



- Red (39%)
- Yellow (1%)
- Blue (47%)



- Cyan (18%)
- Magenta (99%)
- Yellow (0%)
- Black (52%)





- Cyan (61%)
- Magenta (99%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 67.373, 321.545 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, 67.373, 321.545 by changing the saturation by 10% instead.

 24, 67.373,
321.545

 24, 67.373,
321.545

 100, 67.373,
321.545


 14, 67.373,
321.545


 44, 67.373,
321.545

 4, 67.373, 321.545

 54, 67.373,
321.545

 0, 67.373, 321.545

 64, 67.373,
321.545

 74, 67.373,
321.545

 84, 67.373,
321.545

 94, 67.373,

321.545

■ 24, 67.373,
321.545

■ 24, 67.373,
321.545

■ 24, 67.781,
321.517

■ 25, 64.396,
321.785

■ 27, 60.234,
321.891

■ 29, 54.605,
321.823

■ 32, 47.825,
321.617

■ 34, 40.243,
321.311

■ 38, 32.168,
320.938

■ 41, 23.846,
320.524

■ 44, 15.455,
320.091

■ 48, 7.117, 319.648

Harmonies

Complementary

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



24, 67.373, 321.545



44, 67.339, 134.538

Rectangle

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



24, 67.373, 321.545



24, 67.373, 11.545



24, 67.373, 141.545



24, 67.373, 191.545

Sweetspot

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



24, 67.372, 321.545



52, 31.009, 320.613



16, 64.556, 301.149



25, 21.045, 320.754



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



24, 67.372, 321.545



32, 82.173, 321.361



26, 53.465, 343.899



24, 4.666, 319.667



25, 69.211, 321.498



52, 116.660, 321.158

Inverse Universe

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



24, 52.630, 27.946



33, 65.304, 29.959



44, 59.634, 142.137



24, 2.933, 5.233



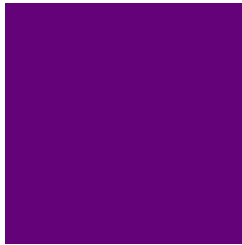
25, 54.423, 28.671



53, 94.209, 31.762

Previews

White Background



This preview shows how the CIE LCh color 24, 67.373, 321.545 looks on a white background.

Color Contrast Check

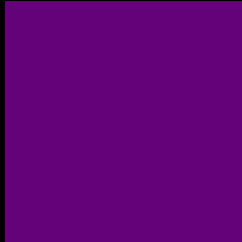
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 24, 67.373, 321.545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

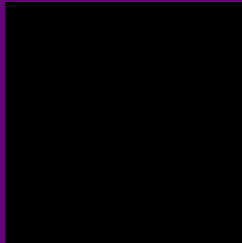
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 67.373, 321.545

Background



This preview shows how black text looks on a background with the CIELCh color 24, 67.373, 321.545.



This preview shows how white text looks on a background with the CIELCh color 24, 67.373, 321.545.

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, 67.136, 321.510

Protanopia

25, 42.980, 285.073

Deuteranopia

25, 31.659, 273.112



Tritanopia
25, 20.517, 18.526

Trichromacy



Original Color
24, 67.136, 321.510

Protanomaly
21, 55.757, 300.537

Deuteranomaly
20, 48.867, 298.911

Tritanomaly
23, 36.939, 337.340

Monochromacy



Original Color
24, 67.136, 321.510

Achromatopsia
18, 0.003, 296.813

Achromatomaly
18, 32.428, 321.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 67.373, 321.545 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(99, 2, 121)` looks like.

```
.text, #text, p{  
    color:rgb(99, 2, 121)  
}
```

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(99, 2, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 2, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 67.373, 321.545 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(99, 2, 121) }
```

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

```
.border{ border-color:rgb(99, 2, 121) }
```

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

Here you see how a box with a 4 pixel rgb(99, 2, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 2, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 2, 121);  
box-shadow:4px 4px 4px 4px rgb(99, 2, 121)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 67.373, 321.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 2, 121) }
```

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

```
.background{ background-color: rgb(99, 2,  
121) }
```

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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