

Converting Colors

CIELCh(24, 51.914, 327.875)

Have a look what the booklet for
CIELCh(24, 51.914, 327.875)
contains.

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Color

CIELCh(24, 51.676, 327.868)

Conversions

Conversions Part 1

Format	Color
Hex	631563
RGB	99, 21, 99
RGB Percent	39%, 8%, 39%
CMY	0.6114, 0.9172, 0.6114
CMYK	0.00, 0.79, 0.00, 0.61
HSL	300°, 65%, 24%
HSV	300°, 79%, 39%
XYZ	7.6814, 4.1002, 12.2119
YIQ	53.2140, 21.4500, 40.7940

Conversions

Conversions Part 2

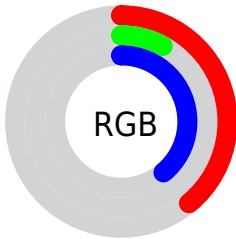
Format	Color
RYB	99, 21, 99
Decimal	6493539
CIELab	24.00, 43.76, -27.48
CIElCh	24, 51.676, 327.868
Yxy	4.1002, 0.3201, 0.1709
Android (android.graphics.Color)	4284683619 (0xFF631563)
YUV	53.2140, 22.5725, 40.1543
Hunter-Lab	20.2490, 32.2779, -21.5828

Details

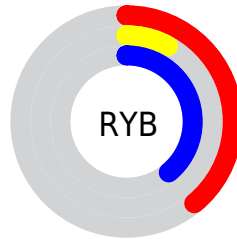
The CIELCh color **24, 51.676, 327.868** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **36, 52.750, 137.732**, and the grayscale version is **22, 0.004, 296.813**.

A 20% lighter version of the original color is **44, 51.499, 327.799**, and **8, 37.660, 326.315** is the 20% darker color. If you saturate the color by 10%, you get **23, 54.932, 328.065**, and if you desaturate by 10%, it is **25, 47.190, 327.592**.

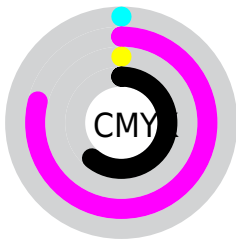
Distribution



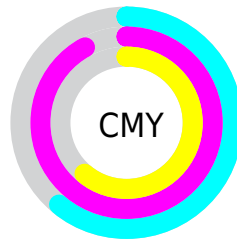
- Red (39%)
- Green (8%)
- Blue (39%)



- Red (39%)
- Yellow (8%)
- Blue (39%)



- Cyan (0%)
- Magenta (79%)
- Yellow (0%)
- Black (61%)



- Cyan (61%)
- Magenta (92%)
- Yellow (61%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 51.676, 327.868 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, 51.676, 327.868 by changing the saturation by 10% instead.

 24, 51.676,
327.868

 24, 51.676,
327.868

 100, 51.676,
327.868

 14, 51.676,
327.868

 44, 51.676,
327.868

 4, 51.676, 327.868

 54, 51.676,
327.868

 0, 51.676, 327.868

 64, 51.676,
327.868

 74, 51.676,
327.868

 84, 51.676,
327.868

 94, 51.676,

327.868

■ 24, 51.676,
327.868

■ 24, 51.676,
327.868

■ 23, 54.932,
328.065

■ 25, 47.190,
327.592

■ 22, 57.447,
328.215

■ 27, 41.659,
327.245

■ 22, 57.782,
328.235

■ 29, 35.323,
326.837

■ 32, 28.429,
326.383

■ 34, 21.198,
325.896

■ 37, 13.809,
325.388

■ 39, 6.397, 324.864

■ 42, 0.944, 144.543

■ 45, 8.152, 143.898

Harmonies

Complementary

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



24, 51.676, 327.868



36, 52.750, 137.732

Rectangle

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



24, 51.676, 327.868



24, 51.676, 17.868



24, 51.676, 147.868



24, 51.676, 197.868

Sweetspot

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



24, 51.675, 327.868



46, 22.180, 325.696



13, 53.908, 302.590



22, 15.353, 325.827



78, 0.009, 296.813



28, 0.004, 296.813

Same Dimension

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



24, 51.675, 327.868



31, 68.755, 328.168



22, 38.041, 353.541



18, 4.050, 324.872



26, 63.081, 328.235



57, 110.273, 328.235

Inverse Universe

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



24, 51.675, 327.868



31, 68.755, 328.168



37, 36.562, 154.538



18, 4.050, 324.872



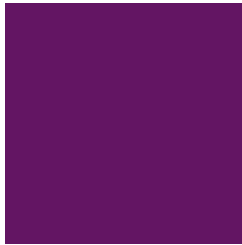
26, 63.081, 328.235



57, 110.273, 328.235

Previews

White Background



This preview shows how the CIE LCh color 24, 51.676, 327.868 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, 51.676, 327.868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

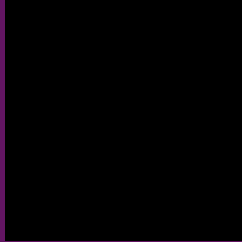
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 51.676, 327.868

Background



This preview shows how black text looks on a background with the CIELCh color 24, 51.676, 327.868.



This preview shows how white text looks on a background with the CIELCh color 24, 51.676, 327.868.

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, 51.676, 327.868

Protanopia

25, 41.838, 284.630

Deuteranopia

25, 23.574, 279.121



Tritanopia
24, 24.867, 22.215

Trichromacy



Original Color
24, 51.676, 327.868

Protanomaly
21, 45.381, 296.804

Deuteranomaly
23, 34.429, 305.950

Tritanomaly
24, 31.277, 350.442

Monochromacy



Original Color
24, 51.676, 327.868

Achromatopsia
22, 0.004, 296.813

Achromatomaly
21, 22.804, 326.414

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 51.676, 327.868 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, 21, 99)` looks like.

```
.text, #text, p{  
    color:rgb(99, 21, 99)  
}
```

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, 21, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 21, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 51.676, 327.868 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, 21, 99) }
```

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

```
.border{ border-color:rgb(99, 21, 99) }
```

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

Here you see how a box with a 4 pixel rgb(99, 21, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 21, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 21, 99);  
box-shadow:4px 4px 4px 4px rgb(99, 21, 99)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 24, 51.676, 327.868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 21, 99) }
```

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

```
.background{ background-color: rgb(99, 21,  
99) }
```

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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