

Converting Colors

CIELCh(12, 109.556, 328.054)

Have a look what the booklet for
CIELCh(12, 109.556, 328.054)
contains.

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Color

CIELCh(24, 65.029, 324.382)

Conversions

Conversions Part 1

Format	Color
Hex	670073
RGB	103, 0, 115
RGB Percent	40%, 0%, 45%
CMY	0.5957, 1.0000, 0.5484
CMYK	0.10, 1.00, 0.00, 0.55
HSL	294°, 100%, 23%
HSV	294°, 100%, 45%
XYZ	8.6932, 4.1002, 16.5972
YIQ	43.9070, 24.4730, 57.6010

Conversions

Conversions Part 2

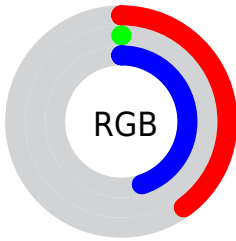
Format	Color
RYB	103, 0, 115
Decimal	6750323
CIELab	24.00, 52.86, -37.87
CIELCh	24, 65.029, 324.382
Yxy	4.1002, 0.2958, 0.1395
Android (android.graphics.Color)	4284940403 (0xFF670073)
YUV	43.9070, 35.0488, 51.8246
Hunter-Lab	20.2490, 41.1970, -34.4232

Details

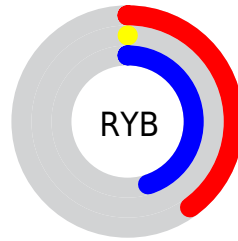
The CIELCh color **24, 65.029, 324.382** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **42, 65.908, 135.249**, and the grayscale version is **18, 0.003, 296.813**.

A 20% lighter version of the original color is **44, 64.612, 324.382**, and **10, 44.656, 320.646** is the 20% darker color. If you saturate the color by 10%, you get **24, 64.693, 324.345**, and if you desaturate by 10%, it is **25, 61.998, 324.439**.

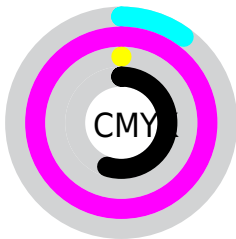
Distribution



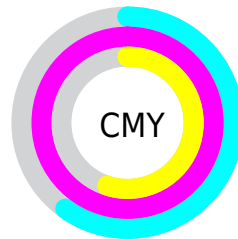
- Red (40%)
- Green (0%)
- Blue (45%)



- Red (40%)
- Yellow (0%)
- Blue (45%)



- Cyan (10%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)





- Cyan (60%)
- Magenta (100%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 24, 65.029, 324.382 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, 65.029, 324.382 by changing the saturation by 10% instead.

 24, 65.029,
324.382


 24, 65.029,
324.382

 100, 65.029,
324.382


 14, 65.029,
324.382


 44, 65.029,
324.382


 4, 65.029, 324.382

 54, 65.029,
324.382

 0, 65.029, 324.382

 64, 65.029,
324.382

 74, 65.029,
324.382

 84, 65.029,
324.382

 94, 65.029,

324.382

■ 24, 65.029,
324.382

■ 24, 65.029,
324.382

■ 24, 64.693,
324.345

■ 25, 61.998,
324.439

■ 26, 58.419,
324.456

■ 28, 53.402,
324.336

■ 30, 47.190,
324.100

■ 33, 40.091,
323.774

■ 36, 32.405,
323.384

■ 39, 24.385,
322.952

■ 42, 16.226,
322.495

■ 45, 8.068, 322.024

Harmonies

Complementary

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



24, 65.029, 324.382



42, 65.908, 135.249

Rectangle

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



24, 65.029, 324.382



24, 65.029, 14.382



24, 65.029, 144.382



24, 65.029, 194.382

Sweetspot

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



24, 64.693, 324.345



50, 30.357, 322.987



13, 68.155, 303.811



24, 20.860, 323.134



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



24, 64.693, 324.345



33, 78.508, 324.246



24, 49.353, 350.169



23, 4.607, 321.979



26, 67.588, 324.320



55, 114.650, 324.110

Inverse Universe

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



23, 53.466, 33.082



31, 66.131, 34.836



42, 54.069, 144.999



23, 2.773, 11.418



24, 56.191, 33.635



52, 98.361, 36.447

Previews

White Background



This preview shows how the CIELCh color 24, 65.029, 324.382 looks on a white background.

Color Contrast Check

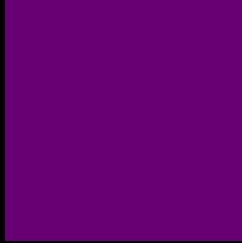
Large Text (above 18pt) WCAG AA ✓ Pass

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, 65.029, 324.382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

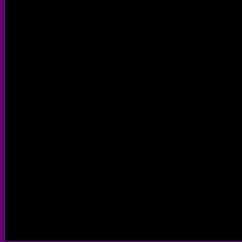
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 24, 65.029, 324.382

Background



This preview shows how black text looks on a background with the CIELCh color 24, 65.029, 324.382.



This preview shows how white text looks on a background with the CIELCh color 24, 65.029, 324.382.

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, 64.633, 324.353

Protanopia
26, 42.913, 284.720

Deuteranopia
26, 31.187, 275.974



Tritanopia
25, 24.596, 20.548

Trichromacy



Original Color
24, 64.633, 324.353

Protanomaly
21, 55.126, 300.653

Deuteranomaly
21, 48.061, 302.472

Tritanomaly
23, 37.245, 344.013

Monochromacy



Original Color
24, 64.633, 324.353

Achromatopsia
18, 0.003, 296.813

Achromatomaly
17, 31.474, 323.535

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 24, 65.029, 324.382 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(103, 0, 115)` looks like.

```
.text, #text, p{  
    color:rgb(103, 0, 115)  
}
```

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(103, 0, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 0, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 24, 65.029, 324.382 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(103, 0, 115) }
```

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

```
.border{ border-color:rgb(103, 0, 115) }
```

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

Here you see how a box with a 4 pixel rgb(103, 0, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 0, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 0, 115);  
box-shadow:4px 4px 4px 4px rgb(103, 0,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 24, 65.029, 324.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 0, 115) }
```

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

```
.background{ background-color: rgb(103, 0,  
115) }
```

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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