

Converting Colors

CIELCh(23, 74.043, 328.250)

Have a look what the booklet for
CIELCh(23, 74.043, 328.250)
contains.

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Color

CIELCh(26, 63.824, 327.900)

Conversions

Conversions Part 1

Format	Color
Hex	710072
RGB	113, 0, 114
RGB Percent	44%, 0%, 45%
CMY	0.5562, 0.9988, 0.5523
CMYK	0.01, 1.00, 0.00, 0.55
HSL	299°, 99%, 22%
HSV	299°, 100%, 45%
XYZ	9.8808, 4.7465, 16.3619
YIQ	46.7830, 30.7540, 59.4100

Conversions

Conversions Part 2

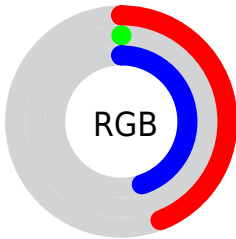
Format	Color
RYB	113, 0, 114
Decimal	7405682
CIELab	26.00, 54.07, -33.92
CIElCh	26, 63.824, 327.900
Yxy	4.7465, 0.3188, 0.1532
Android (android.graphics.Color)	4285595762 (0xFF710072)
YUV	46.7830, 33.1380, 58.0723
Hunter-Lab	21.7865, 42.8288, -29.2771

Details

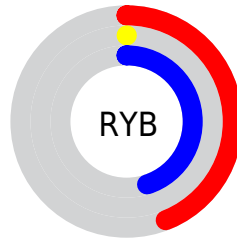
The CIELCh color **26, 63.824, 327.900** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **41, 66.056, 135.971**, and the grayscale version is **19, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 63.521, 327.998**, and **12, 43.543, 325.573** is the 20% darker color. If you saturate the color by 10%, you get **26, 63.886, 327.903**, and if you desaturate by 10%, it is **27, 61.400, 327.792**.

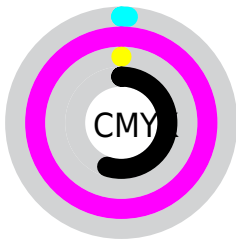
Distribution



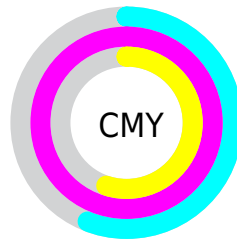
- Red (44%)
- Green (0%)
- Blue (45%)



- Red (44%)
- Yellow (0%)
- Blue (45%)



- Cyan (1%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)





- Cyan (56%)
- Magenta (100%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 63.824, 327.900 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 26, 63.824, 327.900 by changing the saturation by 10% instead.

 26, 63.824,
327.900


 26, 63.824,
327.900

 100, 63.824,
327.900


 16, 63.824,
327.900


 46, 63.824,
327.900


 6, 63.824, 327.900

 56, 63.824,
327.900

 0, 63.824, 327.900

 66, 63.824,
327.900

 76, 63.824,
327.900

 86, 63.824,
327.900

 96, 63.824,

327.900

■ 26, 63.824,
327.900

■ 26, 63.824,
327.900

■ 26, 63.886,
327.903

■ 27, 61.400,
327.792

■ 28, 58.072,
327.630

■ 29, 53.313,
327.381

■ 31, 47.310,
327.052

■ 33, 40.337,
326.656

■ 36, 32.684,
326.208

■ 39, 24.616,
325.723

■ 42, 16.345,
325.215

■ 45, 8.033, 324.691

Harmonies

Complementary

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



26, 63.824, 327.900



41, 66.056, 135.971

Rectangle

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



26, 63.824, 327.900



26, 63.824, 17.900



26, 63.824, 147.900



26, 63.824, 197.900

Sweetspot

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



26, 63.822, 327.900



50, 30.690, 325.775



11, 72.841, 305.892



24, 20.772, 325.932



81, 0.010, 296.813



31, 0.005, 296.813

Same Dimension

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



26, 63.822, 327.900



35, 77.019, 327.895



23, 47.160, 358.467



22, 4.571, 324.650



27, 66.146, 327.901



58, 112.971, 327.882

Inverse Universe

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



22, 55.323, 36.917



30, 68.713, 39.015



42, 48.875, 149.439



22, 2.649, 19.152



24, 57.763, 37.450



52, 101.836, 39.749

Previews

White Background



This preview shows how the CIE LCh color 26, 63.824, 327.900 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 26, 63.824, 327.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

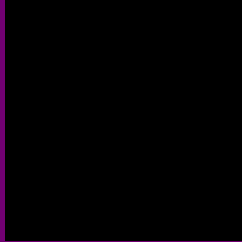
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 63.824, 327.900

Background



This preview shows how black text looks on a background with the CIELCh color 26, 63.824, 327.900.



This preview shows how white text looks on a background with the CIELCh color 26, 63.824, 327.900.

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

26, 63.824, 327.900

Protanopia

27, 45.641, 285.251

Deuteranopia

27, 27.887, 278.809



Tritanopia
27, 29.857, 22.548

Trichromacy



Original Color
26, 63.824, 327.900

Protanomaly
22, 56.642, 301.030

Deuteranomaly
23, 45.876, 307.750

Tritanomaly
26, 39.832, 349.997

Monochromacy



Original Color
26, 63.824, 327.900

Achromatopsia
19, 0.004, 296.813

Achromatomaly
19, 31.377, 327.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 63.824, 327.900 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(113, 0, 114)` looks like.

```
.text, #text, p{  
    color:rgb(113, 0, 114)  
}
```

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(113, 0, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 0, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 63.824, 327.900 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(113, 0, 114) }
```

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

```
.border{ border-color:rgb(113, 0, 114) }
```

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

Here you see how a box with a 4 pixel rgb(113, 0, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 0, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 0, 114);  
box-shadow:4px 4px 4px 4px rgb(113, 0,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 63.824, 327.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 0, 114) }
```

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

```
.background{ background-color: rgb(113, 0,  
114) }
```

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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