

Converting Colors

CIELCh(26, 62.116, 327.996)

Have a look what the booklet for
CIELCh(26, 62.116, 327.996)
contains.

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Color

CIELCh(26, 62.342, 327.833)

Conversions

Conversions Part 1

Format	Color
Hex	700571
RGB	112, 5, 113
RGB Percent	44%, 2%, 44%
CMY	0.5608, 0.9803, 0.5568
CMYK	0.01, 0.96, 0.00, 0.56
HSL	299°, 91%, 23%
HSV	299°, 96%, 44%
XYZ	9.7185, 4.7465, 16.0292
YIQ	49.3050, 29.1040, 56.2720

Conversions

Conversions Part 2

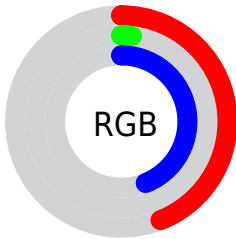
Format	Color
R_{YB}	112, 5, 113
Decimal	7341425
CIE _{Lab}	26.00, 52.77, -33.19
CIE _{LCh}	26, 62.342, 327.833
Yxy	4.7465, 0.3187, 0.1557
Android (android.graphics.Color)	4285531505 (0xFF700571)
YUV	49.3050, 31.4016, 54.9835
Hunter-Lab	21.7865, 41.4992, -28.3715

Details

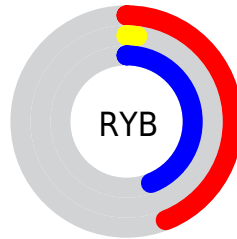
The CIELCh color **26, 62.342, 327.833** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **41, 64.345, 136.258**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 61.950, 327.958**, and **11, 43.061, 326.072** is the 20% darker color. If you saturate the color by 10%, you get **26, 63.429, 327.882**, and if you desaturate by 10%, it is **27, 59.726, 327.714**.

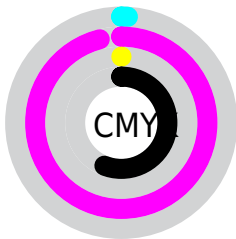
Distribution



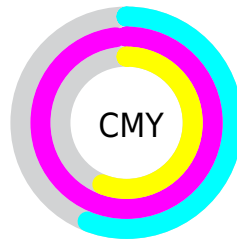
- Red (44%)
- Green (2%)
- Blue (44%)



- Red (44%)
- Yellow (2%)
- Blue (44%)



- Cyan (1%)
- Magenta (96%)
- Yellow (0%)
- Black (56%)





- Cyan (56%)
- Magenta (98%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 62.342, 327.833 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, 62.342, 327.833 by changing the saturation by 10% instead.

 26, 62.342,
327.833


 26, 62.342,
327.833

 100, 62.342,
327.833

 16, 62.342,
327.833


 46, 62.342,
327.833


 6, 62.342, 327.833

 56, 62.342,
327.833

 0, 62.342, 327.833

 66, 62.342,
327.833

 76, 62.342,
327.833

 86, 62.342,
327.833

 96, 62.342,

327.833

■ 26, 62.342,
327.833

■ 26, 62.342,
327.833

■ 26, 63.429,
327.882

■ 27, 59.726,
327.714

■ 28, 55.802,
327.515

■ 30, 50.526,
327.232

■ 32, 44.127,
326.874

■ 34, 36.892,
326.455

■ 37, 29.099,
325.991

■ 40, 20.991,
325.496

■ 43, 12.756,
324.981

■ 46, 4.533, 324.444

Harmonies

Complementary

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



26, 62.342, 327.833



41, 64.345, 136.258

Rectangle

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



26, 62.342, 327.833



26, 62.342, 17.833



26, 62.342, 147.833



26, 62.342, 197.833

Sweetspot

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



26, 62.340, 327.833



50, 29.673, 325.707



12, 69.863, 305.264



24, 20.203, 325.870



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, 62.340, 327.833



35, 77.021, 327.873



24, 46.074, 357.208



22, 4.570, 324.635



27, 66.148, 327.880



58, 112.974, 327.860

Inverse Universe

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



22, 53.184, 36.122



30, 68.693, 38.992



41, 47.133, 150.232



22, 2.649, 19.106



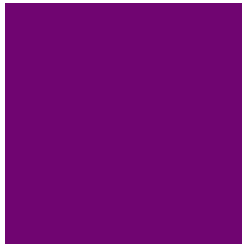
24, 57.747, 37.428



52, 101.813, 39.733

Previews

White Background



This preview shows how the CIELCh color 26, 62.342, 327.833 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, 62.342, 327.833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

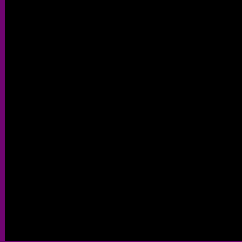
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 62.342, 327.833

Background



This preview shows how black text looks on a background with the CIELCh color 26, 62.342, 327.833.



This preview shows how white text looks on a background with the CIELCh color 26, 62.342, 327.833.

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, 62.342, 327.833

Protanopia

27, 45.709, 285.580

Deuteranopia

27, 27.289, 278.200



Tritanopia
27, 29.539, 23.589

Trichromacy



Original Color
26, 62.342, 327.833

Protanomaly
22, 55.361, 300.599

Deuteranomaly
24, 43.902, 307.182

Tritanomaly
25, 38.895, 350.553

Monochromacy



Original Color
26, 62.342, 327.833

Achromatopsia
20, 0.004, 296.813

Achromatomaly
20, 29.988, 326.965

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 62.342, 327.833 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(112, 5, 113)` looks like.

```
.text, #text, p{  
    color:rgb(112, 5, 113)  
}
```

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(112, 5, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 5, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 62.342, 327.833 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(112, 5, 113) }
```

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

```
.border{ border-color:rgb(112, 5, 113) }
```

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

Here you see how a box with a 4 pixel rgb(112, 5, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 5, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 5, 113);  
box-shadow:4px 4px 4px 4px rgb(112, 5,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 62.342, 327.833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 5, 113) }
```

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

```
.background{ background-color: rgb(112, 5,  
113) }
```

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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