

Converting Colors

CIELCh(26, 64.635, 326.620)

Have a look what the booklet for
CIELCh(26, 64.635, 326.620)
contains.

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Color

CIELCh(26, 64.699, 326.586)

Conversions

Conversions Part 1

Format	Color
Hex	700275
RGB	112, 2, 117
RGB Percent	44%, 1%, 46%
CMY	0.5616, 0.9936, 0.5419
CMYK	0.04, 0.99, 0.00, 0.54
HSL	297°, 97%, 23%
HSV	297°, 99%, 46%
XYZ	9.8731, 4.7465, 17.1654
YIQ	48.0000, 28.6450, 59.0850

Conversions

Conversions Part 2

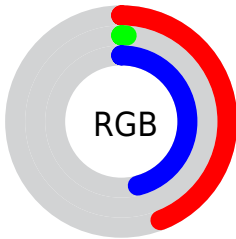
Format	Color
R_{YB}	112, 2, 117
Decimal	7340661
CIE _{Lab}	26.00, 54.01, -35.63
CIE _{LCh}	26, 64.699, 326.586
Yxy	4.7465, 0.3106, 0.1493
Android (android.graphics.Color)	4285530741 (0xFF700275)
YUV	48.0000, 34.0170, 56.1280
Hunter-Lab	21.7865, 42.7652, -31.4637

Details

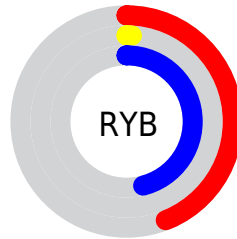
The CIELCh color **26, 64.699, 326.586** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **42, 66.586, 135.805**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 64.620, 326.470**, and **12, 45.067, 323.677** is the 20% darker color. If you saturate the color by 10%, you get **26, 65.054, 326.590**, and if you desaturate by 10%, it is **27, 62.171, 326.560**.

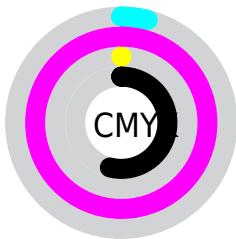
Distribution



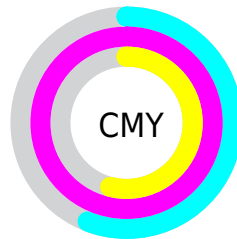
- Red (44%)
- Green (1%)
- Blue (46%)



- Red (44%)
- Yellow (1%)
- Blue (46%)



- Cyan (4%)
- Magenta (99%)
- Yellow (0%)
- Black (54%)





- Cyan (56%)
- Magenta (99%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 64.699, 326.586 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, 64.699, 326.586 by changing the saturation by 10% instead.

 26, 64.699,
326.586

 26, 64.699,
326.586

 100, 64.699,
326.586


 16, 64.699,
326.586


 46, 64.699,
326.586


 6, 64.699, 326.586

 56, 64.699,
326.586

 0, 64.699, 326.586

 66, 64.699,
326.586

 76, 64.699,
326.586

 86, 64.699,
326.586

 96, 64.699,

326.586

■ 26, 64.699,
326.586

■ 26, 64.699,
326.586

■ 26, 65.054,
326.590

■ 27, 62.171,
326.560

■ 28, 58.543,
326.456

■ 30, 53.469,
326.247

■ 32, 47.174,
325.946

■ 34, 39.955,
325.572

■ 37, 32.109,
325.141

■ 40, 23.897,
324.674

■ 43, 15.524,
324.183

■ 46, 7.140, 323.676

Harmonies

Complementary

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



26, 64.699, 326.586



42, 66.586, 135.805

Rectangle

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



26, 64.699, 326.586



26, 64.699, 16.586



26, 64.699, 146.586



26, 64.699, 196.586

Sweetspot

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



26, 64.698, 326.586



51, 31.262, 324.778



12, 71.656, 305.065



24, 21.176, 324.934



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



26, 64.698, 326.586



35, 79.098, 326.548



24, 48.219, 355.358



23, 4.694, 323.700



27, 67.271, 326.582



57, 114.068, 326.492

Inverse Universe

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



23, 55.065, 35.581



31, 69.324, 37.763



43, 50.991, 148.017



23, 2.752, 16.334



24, 57.836, 36.260



52, 101.316, 38.795

Previews

White Background



This preview shows how the CIELCh color 26, 64.699, 326.586 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, 64.699, 326.586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

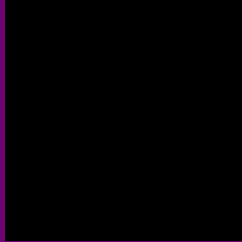
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 64.699, 326.586

Background



This preview shows how black text looks on a background with the CIELCh color 26, 64.699, 326.586.



This preview shows how white text looks on a background with the CIELCh color 26, 64.699, 326.586.

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, 64.699, 326.586

Protanopia

27, 45.045, 284.884

Deuteranopia

27, 29.921, 278.504



Tritanopia
27, 28.359, 21.937

Trichromacy



Original Color
26, 64.699, 326.586

Protanomaly
22, 55.961, 300.667

Deuteranomaly
23, 46.400, 306.083

Tritanomaly
25, 39.393, 347.501

Monochromacy



Original Color
26, 64.699, 326.586

Achromatopsia
20, 0.004, 296.813

Achromatomaly
19, 31.728, 325.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 64.699, 326.586 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, 2, 117)` looks like.

```
.text, #text, p{  
    color:rgb(112, 2, 117)  
}
```

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, 2, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 2, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 64.699, 326.586 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, 2, 117) }
```

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

```
.border{ border-color:rgb(112, 2, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 2, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 2, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 2, 117);  
box-shadow:4px 4px 4px 4px rgb(112, 2,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 64.699, 326.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 2, 117) }
```

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

```
.background{ background-color: rgb(112, 2,  
117) }
```

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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