

Converting Colors

CIELCh(26, 65.200, 325.982)

Have a look what the booklet for
CIELCh(26, 65.200, 325.982)
contains.

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Color

CIELCh(26, 65.164, 325.962)

Conversions

Conversions Part 1

Format	Color
Hex	6F0276
RGB	111, 2, 118
RGB Percent	44%, 1%, 46%
CMY	0.5642, 0.9913, 0.5368
CMYK	0.06, 0.98, 0.00, 0.54
HSL	296°, 96%, 24%
HSV	296°, 98%, 46%
XYZ	9.8723, 4.7465, 17.5720
YIQ	47.8150, 27.7280, 59.1840

Conversions

Conversions Part 2

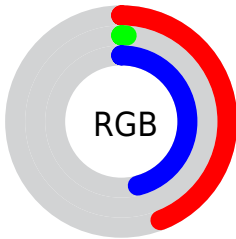
Format	Color
R_{YB}	111, 2, 118
Decimal	7275126
CIE _{Lab}	26.00, 54.00, -36.48
CIE _{LCh}	26, 65.164, 325.962
Yxy	4.7465, 0.3067, 0.1474
Android (android.graphics.Color)	4285465206 (0xFF6F0276)
YUV	47.8150, 34.6012, 55.4132
Hunter-Lab	21.7865, 42.7591, -32.5701

Details

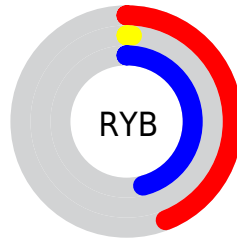
The CIELCh color **26, 65.164, 325.962** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **43, 66.885, 135.724**, and the grayscale version is **20, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 65.493, 325.913**, and **11, 45.631, 322.770** is the 20% darker color. If you saturate the color by 10%, you get **26, 65.647, 325.961**, and if you desaturate by 10%, it is **27, 62.575, 325.974**.

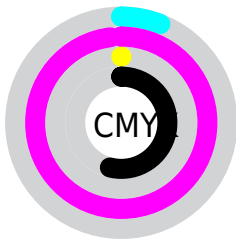
Distribution



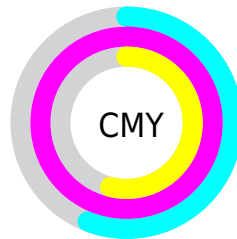
- Red (44%)
- Green (1%)
- Blue (46%)



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



- Cyan (6%)
- Magenta (98%)
- Yellow (0%)
- Black (54%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 65.164, 325.962 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, 65.164, 325.962 by changing the saturation by 10% instead.

 26, 65.164,
325.962


 26, 65.164,
325.962

 100, 65.164,
325.962


 16, 65.164,
325.962


 46, 65.164,
325.962


 6, 65.164, 325.962

 56, 65.164,
325.962

 0, 65.164, 325.962

 66, 65.164,
325.962

 76, 65.164,
325.962

 86, 65.164,
325.962

 96, 65.164,

325.962

■ 26, 65.164,
325.962

■ 26, 65.164,
325.962

■ 26, 65.647,
325.961

■ 27, 62.575,
325.974

■ 28, 58.806,
325.895

■ 30, 53.586,
325.704

■ 32, 47.157,
325.415

■ 35, 39.825,
325.049

■ 37, 31.890,
324.626

■ 40, 23.612,
324.166

■ 44, 15.190,
323.684

■ 47, 6.770, 323.185

Harmonies

Complementary

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



26, 65.164, 325.962



43, 66.885, 135.724

Rectangle

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



26, 65.164, 325.962



26, 65.164, 15.962



26, 65.164, 145.962



26, 65.164, 195.962

Sweetspot

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



26, 65.163, 325.962



51, 30.094, 324.242



13, 71.200, 304.694



25, 20.509, 324.399



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, 65.163, 325.962



34, 79.187, 325.905



25, 48.829, 353.875



23, 4.669, 323.231



27, 67.345, 325.953



57, 114.203, 325.828

Inverse Universe

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



23, 54.977, 34.922



31, 68.721, 37.060



43, 52.078, 147.331



23, 2.756, 14.973



24, 57.385, 35.573



52, 100.628, 38.274

Previews

White Background



This preview shows how the CIELCh color 26, 65.164, 325.962 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, 65.164, 325.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

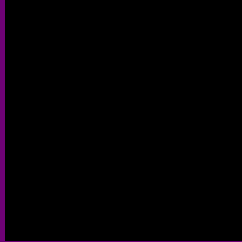
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 65.164, 325.962

Background



This preview shows how black text looks on a background with the CIELCh color 26, 65.164, 325.962.



This preview shows how white text looks on a background with the CIELCh color 26, 65.164, 325.962.

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, 65.164, 325.962

Protanopia

27, 45.045, 284.884

Deuteranopia

27, 30.649, 278.035



Tritanopia
27, 27.755, 20.472

Trichromacy



Original Color
26, 65.164, 325.962

Protanomaly
22, 56.588, 300.540

Deuteranomaly
23, 47.621, 305.239

Tritanomaly
25, 39.435, 346.155

Monochromacy



Original Color
26, 65.164, 325.962

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, 65.164, 325.962 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(111, 2, 118)` looks like.

```
.text, #text, p{  
    color:rgb(111, 2, 118)  
}
```

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(111, 2, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 2, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 65.164, 325.962 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(111, 2, 118) }
```

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

```
.border{ border-color:rgb(111, 2, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 2, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 2, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 2, 118);  
box-shadow:4px 4px 4px 4px rgb(111, 2,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 65.164, 325.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 2, 118) }
```

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

```
.background{ background-color: rgb(111, 2,  
118) }
```

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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