

Converting Colors

CIELCh(26, 33.686, 106.955)

Have a look what the booklet for
CIELCh(26, 33.686, 106.955)
contains.

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Color

CIELCh(26, 33.722, 106.988)

Conversions

Conversions Part 1

Format	Color
Hex	3D4106
RGB	61, 65, 6
RGB Percent	24%, 25%, 2%
CMY	0.7619, 0.7461, 0.9776
CMYK	0.06, 0.00, 0.91, 0.75
HSL	64°, 84%, 14%
HSV	64°, 91%, 25%
XYZ	3.8142, 4.7465, 0.8793
YIQ	57.0780, 16.5550, -19.1970

Conversions

Conversions Part 2

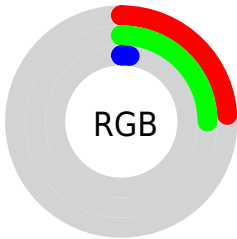
Format	Color
RYB	6, 65, 10
Decimal	4014342
CIELab	26.00, -9.85, 32.25
CIELCh	26, 33.722, 106.988
Yxy	4.7465, 0.4040, 0.5028
Android (android.graphics.Color)	4282204422 (0xFF3D4106)
YUV	57.0780, -25.1815, 3.4396
Hunter-Lab	21.7865, -6.8761, 12.8576

Details

The CIELCh color **26, 33.722, 106.988** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **5, 42.194, 303.271**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 33.644, 107.081**, and **6, 12.633, 135.136** is the 20% darker color. If you saturate the color by 10%, you get **26, 36.024, 106.724**, and if you desaturate by 10%, it is **26, 31.116, 107.338**.

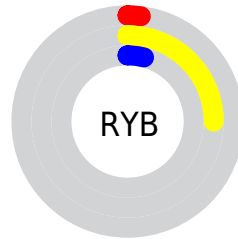
Distribution



Red (24%)

Green (25%)

Blue (2%)



Red (2%)

Yellow (25%)

Blue (4%)

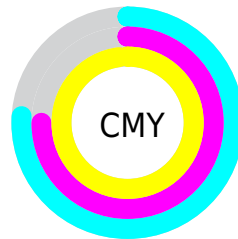


Cyan (6%)

Magenta (0%)

Yellow (91%)

Black (75%)



Cyan (76%)


Magenta (75%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 33.722, 106.988 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, 33.722, 106.988 by changing the saturation by 10% instead.

 26, 33.722,
106.988


 26, 33.722,
106.988

 100, 33.722,
106.988


 16, 33.722,
106.988


 46, 33.722,
106.988


 6, 33.722, 106.988

 56, 33.722,
106.988

 0, 33.722, 106.988

 66, 33.722,
106.988

 76, 33.722,
106.988

 86, 33.722,
106.988

 96, 33.722,

106.988

■ 26, 33.722,
106.988

■ 26, 33.722,
106.988

■ 26, 36.024,
106.724

■ 26, 31.116,
107.338

■ 26, 28.115,
107.799

■ 26, 24.686,
108.378

■ 26, 20.962,
109.040

■ 27, 17.040,
109.755

■ 27, 12.990,
110.500

■ 27, 8.861, 111.258

■ 27, 4.686, 112.015

■ 27, 0.486, 112.733

Harmonies

Complementary

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



26, 33.722, 106.988



5, 42.194, 303.271

Rectangle

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



26, 33.722, 106.988



26, 33.722, 156.988



26, 33.722, 286.988



26, 33.722, 336.988

Sweetspot

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



26, 33.722, 106.990



35, 14.019, 110.728



12, 30.245, 30.997



17, 9.524, 110.632



70, 0.009, 296.813



18, 0.003, 296.813

Same Dimension

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



26, 33.722, 106.990



34, 43.394, 106.715



24, 37.702, 128.604



13, 2.381, 112.212



39, 47.852, 106.788



86, 88.299, 107.089

Inverse Universe

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



5, 42.194, 303.271



6, 58.607, 306.389



8, 41.564, 314.463



11, 2.425, 293.531



8, 65.420, 306.714



28, 121.165, 306.453

Previews

White Background



This preview shows how the CIELCh color 26, 33.722, 106.988 looks on a white background.

Color Contrast Check

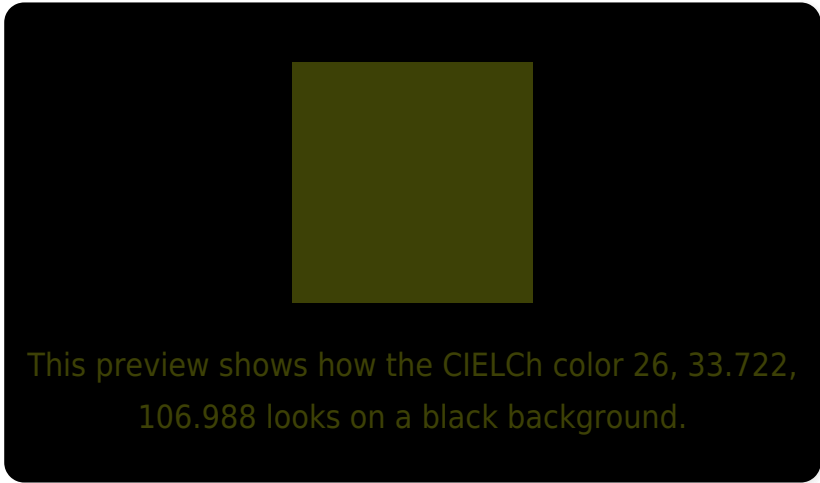
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

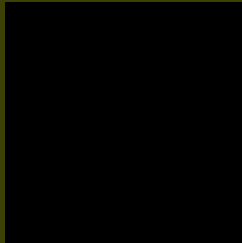
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 33.722, 106.988

Background



This preview shows how black text looks on a background with the CIELCh color 26, 33.722, 106.988.



This preview shows how white text looks on a background with the CIELCh color 26, 33.722, 106.988.

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, 33.722, 106.988

Protanopia

26, 33.495, 95.836

Deuteranopia

26, 30.578, 84.234



Tritanopia
26, 3.984, 324.782

Trichromacy



Original Color
26, 33.722, 106.988

Protanomaly
26, 33.273, 99.623

Deuteranomaly
26, 30.942, 92.663

Tritanomaly
26, 12.313, 105.303

Monochromacy



Original Color
26, 33.722, 106.988

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 14.314, 111.128

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 33.722, 106.988 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(61, 65, 6)` looks like.

```
.text, #text, p{  
    color:rgb(61, 65, 6)  
}
```

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(61, 65, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 65, 6) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 33.722, 106.988 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(61, 65, 6) }
```

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

```
.border{ border-color:rgb(61, 65, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 65, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 65, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(61, 65, 6); box-shadow:4px  
4px 4px 4px rgb(61, 65, 6) }
```

Background

The CSS property to change the background color of an element to CIELCh 26, 33.722, 106.988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 65, 6) }
```

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

```
.background{ background-color: rgb(61, 65,  
6) }
```

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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