

Converting Colors

CIELCh(26, 20.612, 105.649)

Have a look what the booklet for
CIELCh(26, 20.612, 105.649)
contains.

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Color

CIELCh(26, 20.324, 105.947)

Conversions

Conversions Part 1

Format	Color
Hex	3F3F1F
RGB	63, 63, 31
RGB Percent	25%, 25%, 12%
CMY	0.7520, 0.7520, 0.8775
CMYK	0.00, 0.00, 0.51, 0.75
HSL	60°, 34%, 19%
HSV	60°, 51%, 25%
XYZ	4.1067, 4.7465, 2.0116
YIQ	59.3520, 10.2720, -9.9520

Conversions

Conversions Part 2

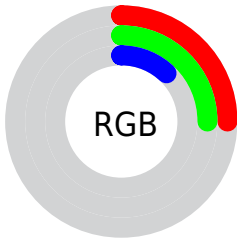
Format	Color
RYB	31, 63, 31
Decimal	4144927
CIELab	26.00, -5.58, 19.54
CIELCh	26, 20.324, 105.947
Yxy	4.7465, 0.3780, 0.4369
Android (android.graphics.Color)	4282335007 (0xFF3F3F1F)
YUV	59.3520, -13.9775, 3.1993
Hunter-Lab	21.7865, -4.4795, 9.7761

Details

The CIELCh color **26, 20.324, 105.947** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **14, 22.864, 296.323**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 19.950, 104.761**, and **6, 10.133, 120.004** is the 20% darker color. If you saturate the color by 10%, you get **26, 23.988, 105.190**, and if you desaturate by 10%, it is **26, 16.473, 106.755**.

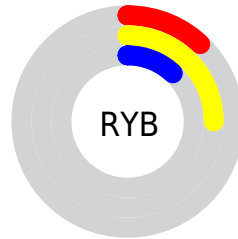
Distribution



Red (25%)

Green (25%)

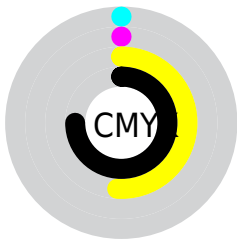
Blue (12%)



Red (12%)

Yellow (25%)

Blue (12%)

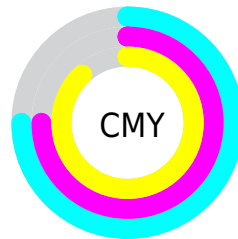


Cyan (0%)

Magenta (0%)

Yellow (51%)

Black (75%)



Cyan (75%)


Magenta (75%)


Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 20.324, 105.947 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, 20.324, 105.947 by changing the saturation by 10% instead.

 26, 20.324,
105.947


 26, 20.324,
105.947

 100, 20.324,
105.947


 16, 20.324,
105.947


 46, 20.324,
105.947


 6, 20.324, 105.947

 56, 20.324,
105.947

 0, 20.324, 105.947

 66, 20.324,
105.947

 76, 20.324,
105.947

 86, 20.324,
105.947

 96, 20.324,

105.947

■ 26, 20.324,
105.947

■ 26, 20.324,
105.947

■ 26, 23.988,
105.190

■ 26, 16.473,
106.755

■ 26, 27.370,
104.497

■ 26, 12.501,
107.588

■ 26, 30.342,
103.897

■ 26, 8.455, 108.432

■ 26, 32.910,
103.399

■ 27, 4.366, 109.275

■ 26, 35.298,
102.999

■ 27, 0.254, 110.008

■ 27, 3.864, 290.948

■ 27, 7.979, 291.744

■ 27, 12.083,
292.517

■ 28, 16.171,
293.260

Harmonies

Complementary

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



26, 20.324, 105.947



14, 22.864, 296.323

Rectangle

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



26, 20.324, 105.947



26, 20.324, 155.947



26, 20.324, 285.947



26, 20.324, 335.947

Sweetspot

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



26, 20.325, 105.950



34, 7.611, 108.854



16, 16.847, 22.802



16, 5.103, 108.793



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



26, 20.325, 105.950



34, 29.679, 104.976



25, 21.839, 126.405



11, 2.218, 109.463



39, 46.820, 102.842



86, 87.222, 102.841

Inverse Universe

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



14, 22.864, 296.323



15, 34.847, 298.629



15, 23.356, 310.774



10, 2.258, 290.918



7, 64.577, 306.244



27, 120.446, 306.286

Previews

White Background



This preview shows how the CIELCh color 26, 20.324, 105.947 looks on a white background.

Color Contrast Check

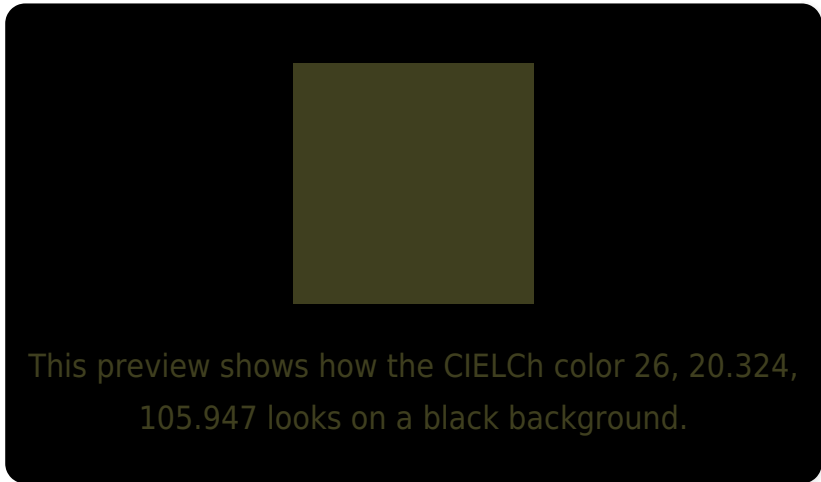
Large Text (above 18pt) WCAG AA ✓ Pass

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

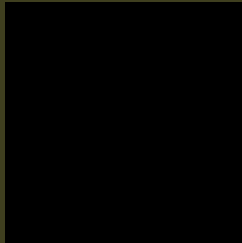
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

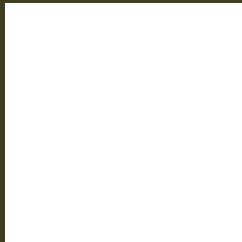
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 26, 20.324, 105.947

Background



This preview shows how black text looks on a background with the CIELCh color 26, 20.324, 105.947.

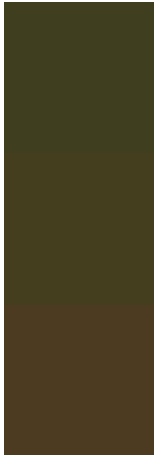


This preview shows how white text looks on a background with the CIELCh color 26, 20.324, 105.947.

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, 20.324, 105.947

Protanopia

26, 20.036, 97.082

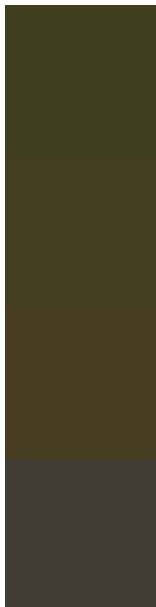
Deuteranopia

26, 19.786, 79.620



Tritanopia
26, 4.112, 340.668

Trichromacy



Original Color
26, 20.324, 105.947

Protanomaly
26, 19.885, 100.046

Deuteranomaly
26, 19.379, 90.652

Tritanomaly
26, 6.339, 86.784

Monochromacy



Original Color
26, 20.324, 105.947

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 7.178, 108.669

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 20.324, 105.947 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(63, 63, 31)` looks like.

```
.text, #text, p{  
    color:rgb(63, 63, 31)  
}
```

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(63, 63, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 63, 31) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 20.324, 105.947 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(63, 63, 31) }
```

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

```
.border{ border-color:rgb(63, 63, 31) }
```

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

Here you see how a box with a 4 pixel rgb(63, 63, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 63, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 63, 31);  
box-shadow:4px 4px 4px 4px rgb(63, 63, 31)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 20.324, 105.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 63, 31) }
```

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

```
.background{ background-color: rgb(63, 63,  
31) }
```

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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