

Converting Colors

CIELCh(26, 13.120, 145.678)

Have a look what the booklet for
CIELCh(26, 13.120, 145.678)
contains.

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Color

CIELCh(26, 13.318, 145.959)

Conversions

Conversions Part 1

Format	Color
Hex	304232
RGB	48, 66, 50
RGB Percent	19%, 26%, 20%
CMY	0.8120, 0.7414, 0.8041
CMYK	0.27, 0.00, 0.24, 0.74
HSL	127°, 16%, 22%
HSV	127°, 27%, 26%
XYZ	3.7356, 4.7465, 3.7306
YIQ	58.7940, -5.5920, -8.7920

Conversions

Conversions Part 2

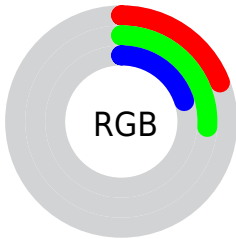
Format	Color
RYB	48, 64, 66
Decimal	3162674
CIELab	26.00, -11.04, 7.46
CIELCh	26, 13.318, 145.959
Yxy	4.7465, 0.3059, 0.3887
Android (android.graphics.Color)	4281352754 (0xFF304232)
YUV	58.7940, -4.3354, -9.4663
Hunter-Lab	21.7865, -7.5196, 5.0980

Details

The CIELCh color **26, 13.318, 145.959** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22, 13.342, 329.014**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 13.557, 146.205**, and **6, 13.501, 145.407** is the 20% darker color. If you saturate the color by 10%, you get **25, 18.166, 145.174**, and if you desaturate by 10%, it is **27, 8.422, 146.648**.

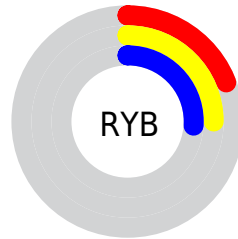
Distribution



Red (19%)

Green (26%)

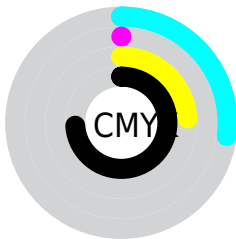
Blue (20%)



Red (19%)

Yellow (25%)

Blue (26%)

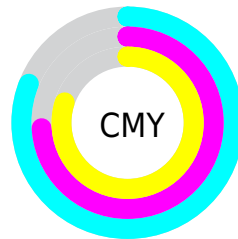


Cyan (27%)

Magenta (0%)

Yellow (24%)

Black (74%)



Cyan (81%)


Magenta (74%)


Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 13.318, 145.959 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, 13.318, 145.959 by changing the saturation by 10% instead.

 26, 13.318,
145.959


 26, 13.318,
145.959

 100, 13.318,
145.959


 16, 13.318,
145.959


 46, 13.318,
145.959


 6, 13.318, 145.959

 56, 13.318,
145.959

 0, 13.318, 145.959

 66, 13.318,
145.959

 76, 13.318,
145.959

 86, 13.318,
145.959

 96, 13.318,

145.959

■ 26, 13.318,
145.959

■ 26, 13.318,
145.959

■ 25, 18.166,
145.174

■ 27, 8.422, 146.648

■ 25, 22.893,
144.283

■ 27, 3.533, 147.265

■ 24, 27.418,
143.281

■ 28, 1.305, 327.647

■ 24, 31.644,
142.175

■ 30, 10.710,
328.582

■ 24, 35.468,
140.986

■ 31, 15.240,
328.933

■ 24, 38.789,
139.774

■ 32, 19.641,
329.240

■ 23, 41.710,
138.950

■ 33, 23.910,
329.512

■ 23, 42.467,
138.797

■ 34, 28.046,
329.753

Harmonies

Complementary

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



26, 13.318, 145.959



22, 13.342, 329.014

Rectangle

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



26, 13.318, 145.959



26, 13.318, 195.959



26, 13.318, 325.959



26, 13.318, 15.959

Sweetspot

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



26, 13.319, 145.959



36, 4.868, 147.201



27, 11.596, 112.151



17, 3.407, 147.152



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, 13.319, 145.959



34, 20.199, 145.408



26, 9.218, 167.150



12, 2.708, 147.191



35, 56.376, 137.872



78, 106.418, 136.909

Inverse Universe

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



22, 13.342, 329.014



29, 20.222, 329.391



22, 9.664, 351.783



12, 2.714, 328.016



21, 52.413, 332.883



52, 96.062, 333.289

Previews

White Background



This preview shows how the CIELCh color 26, 13.318, 145.959 looks on a white background.

Color Contrast Check

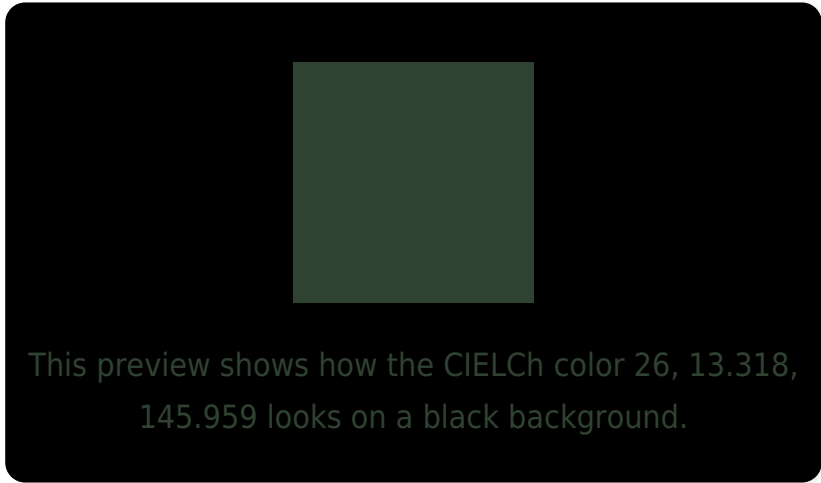
Large Text (above 18pt) WCAG AA ✓ Pass

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

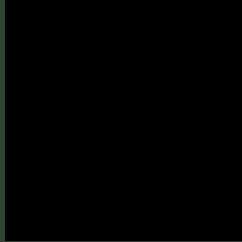
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 13.318, 145.959

Background



This preview shows how black text looks on a background with the CIELCh color 26, 13.318, 145.959.

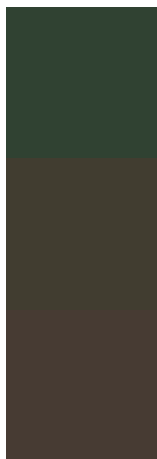


This preview shows how white text looks on a background with the CIELCh color 26, 13.318, 145.959.

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

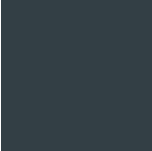
26, 13.318, 145.959

Protanopia

26, 8.691, 95.463

Deuteranopia

26, 7.875, 61.350



Tritanopia
26, 6.229, 238.145

Trichromacy



Original Color
26, 13.318, 145.959

Protanomaly
26, 9.296, 120.122

Deuteranomaly
26, 7.172, 104.876

Tritanomaly
26, 6.201, 186.125

Monochromacy



Original Color
26, 13.318, 145.959

Achromatopsia
25, 0.004, 296.813

Achromatomaly
25, 5.091, 148.020

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 13.318, 145.959 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(48, 66, 50)` looks like.

```
.text, #text, p{  
    color:rgb(48, 66, 50)  
}
```

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(48, 66, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 66, 50) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 13.318, 145.959 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(48, 66, 50) }
```

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

```
.border{ border-color:rgb(48, 66, 50) }
```

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

Here you see how a box with a 4 pixel rgb(48, 66, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 66, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 66, 50);  
box-shadow:4px 4px 4px 4px rgb(48, 66, 50)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 13.318, 145.959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 66, 50) }
```

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

```
.background{ background-color: rgb(48, 66,  
50) }
```

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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