

Converting Colors

CIELCh(26, 25.131, 136.292)

Have a look what the booklet for
CIELCh(26, 25.131, 136.292)
contains.

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Color

CIELCh(26, 25.086, 136.137)

Conversions

Conversions Part 1

Format	Color
Hex	294422
RGB	41, 68, 34
RGB Percent	16%, 27%, 13%
CMY	0.8386, 0.7326, 0.8660
CMYK	0.40, 0.00, 0.50, 0.73
HSL	108°, 33%, 20%
HSV	108°, 50%, 27%
XYZ	3.2898, 4.7465, 2.2682
YIQ	56.0510, -5.1780, -16.2980

Conversions

Conversions Part 2

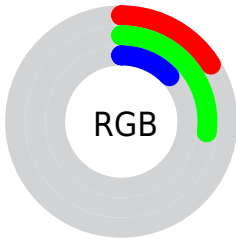
Format	Color
R_{YB}	34, 68, 61
Decimal	2704418
CIE _{Lab}	26.00, -18.09, 17.38
CIE _{LCh}	26, 25.086, 136.137
Yxy	4.7465, 0.3193, 0.4606
Android (android.graphics.Color)	4280894498 (0xFF294422)
YUV	56.0510, -10.8711, -13.1997
Hunter-Lab	21.7865, -11.1724, 9.0777

Details

The CIELCh color **26, 25.086, 136.137** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **18, 25.568, 320.530**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **46, 24.810, 135.973**, and **7, 16.758, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **26, 29.772, 135.544**, and if you desaturate by 10%, it is **26, 20.186, 136.724**.

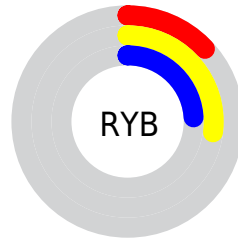
Distribution



Red (16%)

Green (27%)

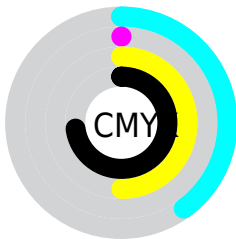
Blue (13%)



Red (13%)

Yellow (27%)

Blue (24%)

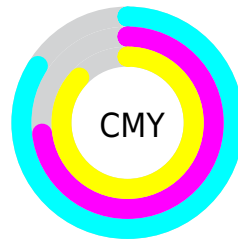


Cyan (40%)

Magenta (0%)

Yellow (50%)

Black (73%)



Cyan (84%)


Magenta (73%)


Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 25.086, 136.137 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, 25.086, 136.137 by changing the saturation by 10% instead.

 26, 25.086,
136.137


 26, 25.086,
136.137

 100, 25.086,
136.137


 16, 25.086,
136.137


 46, 25.086,
136.137


 6, 25.086, 136.137

 56, 25.086,
136.137

 0, 25.086, 136.137

 66, 25.086,
136.137

 76, 25.086,
136.137

 86, 25.086,
136.137

 96, 25.086,

136.137

■ 26, 25.086,
136.137

■ 26, 25.086,
136.137

■ 26, 29.772,
135.544

■ 26, 20.186,
136.724

■ 25, 34.126,
134.985

■ 27, 15.160,
137.277

■ 25, 38.000,
134.528

■ 28, 10.078,
137.786

■ 25, 41.310,
134.186

■ 28, 4.992, 138.250

■ 24, 44.446,
133.669

■ 29, 0.058, 316.977

■ 30, 5.045, 318.972

■ 24, 44.478,
133.662

■ 30, 9.947, 319.292

■ 31, 14.752,
319.566

■ 32, 19.449,
319.804

Harmonies

Complementary

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



26, 25.086, 136.137



18, 25.568, 320.530

Rectangle

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



26, 25.086, 136.137



26, 25.086, 186.137



26, 25.086, 316.137



26, 25.086, 6.137

Sweetspot

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



26, 25.087, 136.138



37, 9.492, 137.989



26, 17.605, 94.065



18, 6.534, 137.942



71, 0.009, 296.813



19, 0.004, 296.813

Same Dimension

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



26, 25.087, 136.138



34, 37.154, 135.391



26, 21.808, 149.675



12, 2.740, 138.314



35, 57.349, 133.925



79, 106.837, 134.700

Inverse Universe

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



18, 25.568, 320.530



22, 37.934, 320.899



19, 21.992, 336.901



12, 2.754, 318.936



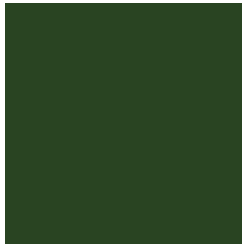
18, 57.919, 320.928



45, 107.062, 320.403

Previews

White Background



This preview shows how the CIELCh color 26, 25.086, 136.137 looks on a white background.

Color Contrast Check

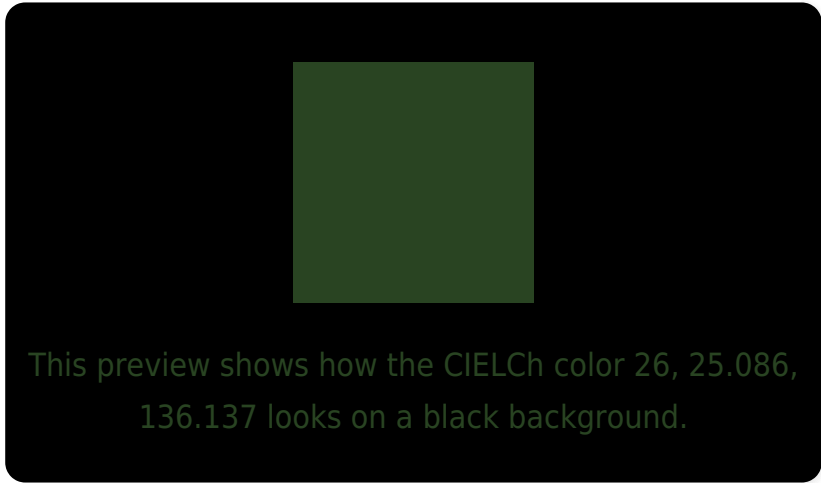
Large Text (above 18pt) WCAG AA ✓ Pass

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

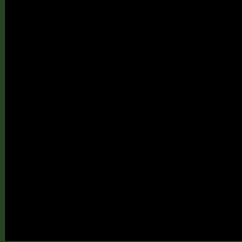
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 25.086, 136.137

Background



This preview shows how black text looks on a background with the CIELCh color 26, 25.086, 136.137.



This preview shows how white text looks on a background with the CIELCh color 26, 25.086, 136.137.

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

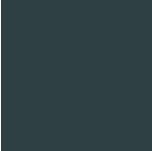
26, 25.086, 136.137

Protanopia

26, 18.979, 95.200

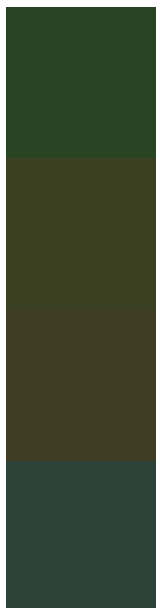
Deuteranopia

26, 16.673, 77.401



Tritanopia
26, 7.532, 224.370

Trichromacy



Original Color
26, 25.086, 136.137

Protanomaly
26, 19.940, 114.843

Deuteranomaly
26, 16.717, 104.930

Tritanomaly
26, 11.356, 162.351

Monochromacy



Original Color
26, 25.086, 136.137

Achromatopsia
24, 0.004, 296.813

Achromatomaly
24, 8.984, 136.499

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 25.086, 136.137 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(41, 68, 34)` looks like.

```
.text, #text, p{  
    color:rgb(41, 68, 34)  
}
```

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(41, 68, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 68, 34) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 25.086, 136.137 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(41, 68, 34) }
```

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

```
.border{ border-color:rgb(41, 68, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 68, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 68, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 68, 34);  
box-shadow:4px 4px 4px 4px rgb(41, 68, 34)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 25.086, 136.137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 68, 34) }
```

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

```
.background{ background-color: rgb(41, 68,  
34) }
```

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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