

Converting Colors

CIELCh(26, 21.489, 155.161)

Have a look what the booklet for
CIELCh(26, 21.489, 155.161)
contains.

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Color

CIELCh(26, 21.628, 154.727)

Conversions

Conversions Part 1

Format	Color
Hex	1F452F
RGB	31, 69, 47
RGB Percent	12%, 27%, 18%
CMY	0.8786, 0.7296, 0.8158
CMYK	0.55, 0.00, 0.32, 0.73
HSL	145°, 38%, 20%
HSV	145°, 55%, 27%
XYZ	3.2015, 4.7465, 3.4325
YIQ	55.1300, -15.5860, -14.8980

Conversions

Conversions Part 2

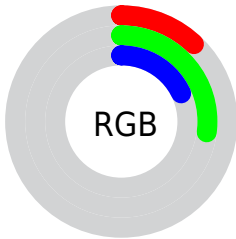
Format	Color
R_{YB}	31, 58, 69
Decimal	2049327
CIE _{Lab}	26.00, -19.56, 9.23
CIE _{LCh}	26, 21.628, 154.727
Yxy	4.7465, 0.2813, 0.4171
Android (android.graphics.Color)	4280239407 (0xFF1F452F)
YUV	55.1300, -4.0081, -21.1620
Hunter-Lab	21.7865, -11.8957, 5.9093




Details

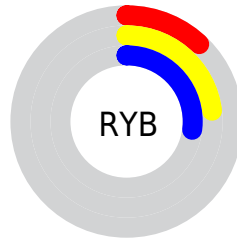
The CIELCh color **26, 21.628, 154.727** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **18, 22.307, 344.241**, and the grayscale version is **23, 0.004, 296.813**.




A 20% lighter version of the original color is **46, 21.933, 154.684**, and **7, 17.780, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **26, 25.125, 153.451**, and if you desaturate by 10%, it is **26, 17.921, 155.861**.

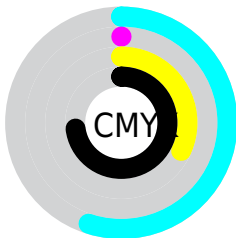
Distribution







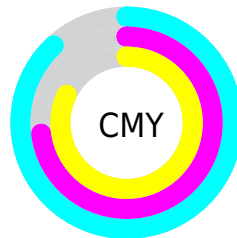
-  Red (12%)
-  Green (27%)
-  Blue (18%)






-  Red (12%)
-  Yellow (23%)
-  Blue (27%)



-  Cyan (55%)
-  Magenta (0%)
-  Yellow (32%)
-  Black (73%)





-  Cyan (88%)
-  Magenta (73%)
-  Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 26, 21.628, 154.727 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, 21.628, 154.727 by changing the saturation by 10% instead.

 26, 21.628,
154.727


 26, 21.628,
154.727

 100, 21.628,
154.727


 16, 21.628,
154.727


 46, 21.628,
154.727


 6, 21.628, 154.727

 56, 21.628,
154.727

 0, 21.628, 154.727

 66, 21.628,
154.727

 76, 21.628,
154.727

 86, 21.628,
154.727

 96, 21.628,

154.727

■ 26, 21.628,
154.727

■ 26, 21.628,
154.727

■ 26, 25.125,
153.451

■ 26, 17.921,
155.861

■ 25, 28.357,
152.021

■ 27, 14.057,
156.872

■ 25, 31.284,
150.427

■ 28, 10.092,
157.775

■ 25, 34.036,
148.907

■ 28, 6.075, 158.592

■ 25, 35.379,
148.280

■ 29, 2.046, 159.375

■ 30, 1.958, 339.856

■ 30, 5.911, 340.516

■ 31, 9.792, 341.078

■ 32, 13.589,
341.591

Harmonies

Complementary

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



26, 21.628, 154.727



18, 22.307, 344.241

Rectangle

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



26, 21.628, 154.727



26, 21.628, 204.727



26, 21.628, 334.727



26, 21.628, 24.727

Sweetspot

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



26, 21.628, 154.727



36, 8.470, 158.389



27, 24.984, 123.725



18, 5.715, 158.329



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, 21.628, 154.727



33, 31.328, 152.964



27, 14.601, 188.874



14, 2.302, 159.092



36, 46.727, 146.957



79, 88.655, 145.198

Inverse Universe

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



18, 22.307, 344.241



22, 32.117, 345.890



17, 19.641, 18.796



13, 2.321, 340.170



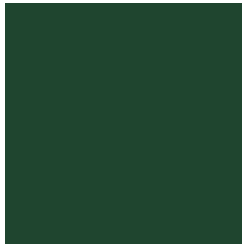
20, 43.865, 352.646



49, 79.153, 355.237

Previews

White Background



This preview shows how the CIELCh color 26, 21.628, 154.727 looks on a white background.

Color Contrast Check

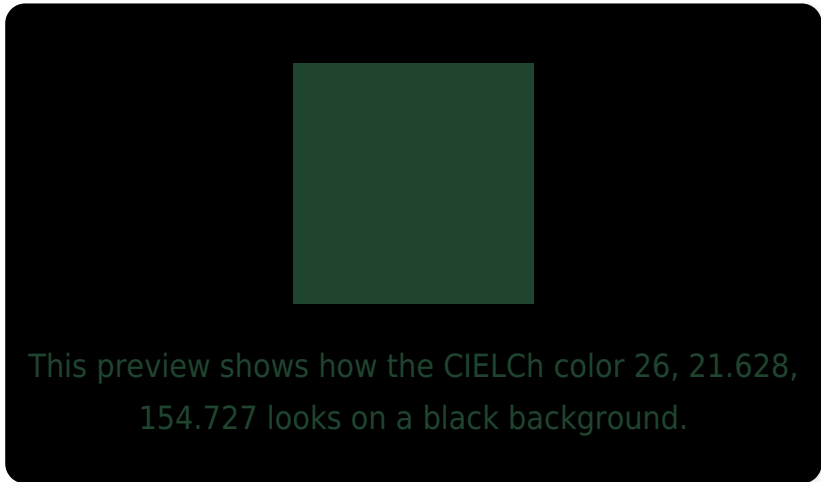
Large Text (above 18pt) WCAG AA ✓ Pass

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

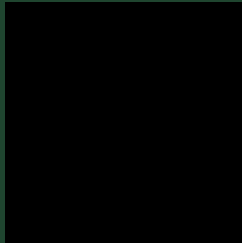
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 26, 21.628, 154.727

Background



This preview shows how black text looks on a background with the CIELCh color 26, 21.628, 154.727.



This preview shows how white text looks on a background with the CIELCh color 26, 21.628, 154.727.

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, 21.628, 154.727

Protanopia

26, 11.332, 95.212

Deuteranopia

26, 9.200, 64.876



Tritanopia
26, 11.036, 215.217

Trichromacy



Original Color
26, 21.628, 154.727

Protanomaly
26, 13.405, 130.611

Deuteranomaly
26, 10.168, 124.463

Tritanomaly
26, 13.261, 182.843

Monochromacy



Original Color
26, 21.628, 154.727

Achromatopsia
23, 0.004, 296.813

Achromatomaly
24, 8.305, 158.325

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 26, 21.628, 154.727 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(31, 69, 47)` looks like.

```
.text, #text, p{  
    color:rgb(31, 69, 47)  
}
```

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(31, 69, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 69, 47) }
```

Border

The CSS property to change the border of an element to CIELCh 26, 21.628, 154.727 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(31, 69, 47) }
```

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

```
.border{ border-color:rgb(31, 69, 47) }
```

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

Here you see how a box with a 4 pixel rgb(31, 69, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 69, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 69, 47);  
box-shadow:4px 4px 4px 4px rgb(31, 69, 47)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 26, 21.628, 154.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 69, 47) }
```

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

```
.background{ background-color: rgb(31, 69,  
47) }
```

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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