

Converting Colors

CIELCh(27, 24.629, 151.504)

Have a look what the booklet for
CIELCh(27, 24.629, 151.504)
contains.

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Color

CIELCh(27, 24.885, 151.523)

Conversions

Conversions Part 1

Format	Color
Hex	1E482D
RGB	30, 72, 45
RGB Percent	12%, 28%, 18%
CMY	0.8825, 0.7178, 0.8237
CMYK	0.58, 0.00, 0.38, 0.72
HSL	141°, 41%, 20%
HSV	141°, 58%, 28%
XYZ	3.3216, 5.0937, 3.2867
YIQ	56.3640, -16.3650, -17.3010

Conversions

Conversions Part 2

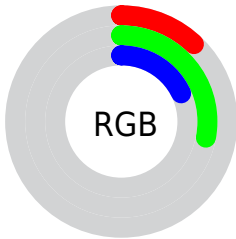
Format	Color
RYB	30, 61, 72
Decimal	1984557
CIELab	27.00, -21.87, 11.87
CIElCh	27, 24.885, 151.523
Yxy	5.0937, 0.2838, 0.4353
Android (android.graphics.Color)	4280174637 (0xFF1E482D)
YUV	56.3640, -5.6025, -23.1212
Hunter-Lab	22.5692, -13.2254, 7.1641

Details

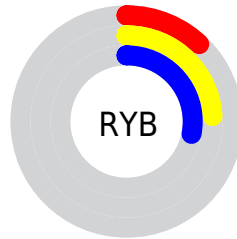
The CIELCh color **27, 24.885, 151.523** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **18, 25.283, 341.212**, and the grayscale version is **24, 0.004, 296.813**.

A 20% lighter version of the original color is **47, 24.815, 151.542**, and **8, 19.932, 144.443** is the 20% darker color. If you saturate the color by 10%, you get **27, 28.635, 150.209**, and if you desaturate by 10%, it is **27, 20.888, 152.689**.

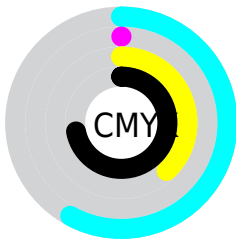
Distribution



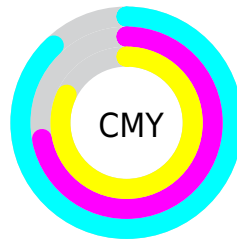
- Red (12%)
- Green (28%)
- Blue (18%)



- Red (12%)
- Yellow (24%)
- Blue (28%)



- Cyan (58%)
- Magenta (0%)
- Yellow (38%)
- Black (72%)




- Cyan (88%)
- Magenta (72%)
- Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 27, 24.885, 151.523 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 27, 24.885, 151.523 by changing the saturation by 10% instead.

 27, 24.885,
151.523


 27, 24.885,
151.523

 100, 24.885,
151.523


 17, 24.885,
151.523

 47, 24.885,
151.523


 7, 24.885, 151.523

 57, 24.885,
151.523

 0, 24.885, 151.523

 67, 24.885,
151.523

 77, 24.885,
151.523

 87, 24.885,
151.523

 97, 24.885,

151.523

■ 27, 24.885,
151.523

■ 27, 24.885,
151.523

■ 27, 28.635,
150.209

■ 27, 20.888,
152.689

■ 26, 32.077,
148.738

■ 28, 16.706,
153.721

■ 26, 35.173,
147.124

■ 29, 12.402,
154.636

■ 26, 38.125,
145.720

■ 29, 8.033, 155.452

■ 26, 38.600,
145.523

■ 30, 3.649, 156.198

■ 31, 0.711, 336.554

■ 32, 5.016, 337.343

■ 32, 9.241, 337.885

■ 33, 13.370,
338.371

Harmonies

Complementary

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



27, 24.885, 151.523



18, 25.283, 341.212

Rectangle

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



27, 24.885, 151.523



27, 24.885, 201.523



27, 24.885, 331.523



27, 24.885, 21.523

Sweetspot

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



27, 24.885, 151.523



38, 9.855, 155.424



28, 26.863, 120.965



19, 6.907, 155.294



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



27, 24.885, 151.523



35, 36.351, 149.574



28, 16.457, 182.363



14, 2.413, 156.182



36, 49.378, 144.414



79, 93.641, 142.737

Inverse Universe

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



18, 25.283, 341.212



23, 36.410, 342.799



18, 21.461, 14.502



13, 2.428, 337.200



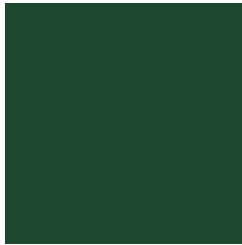
20, 45.250, 347.690



50, 81.516, 349.704

Previews

White Background



This preview shows how the CIELCh color 27, 24.885, 151.523 looks on a white background.

Color Contrast Check

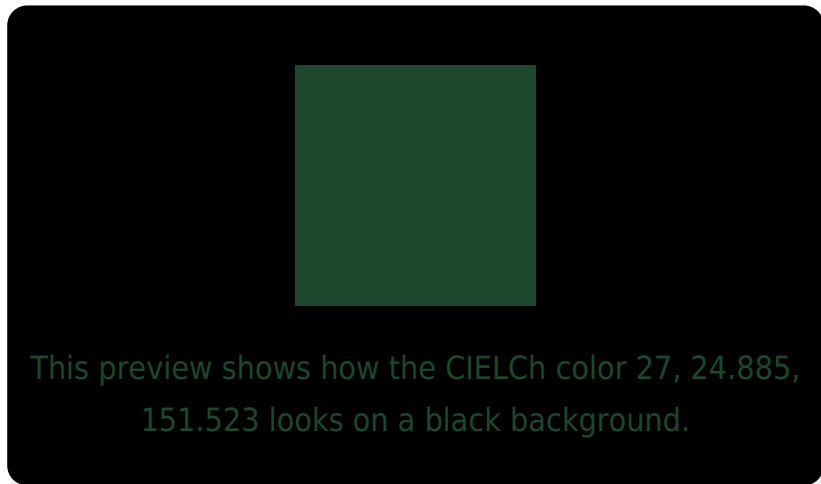
Large Text (above 18pt) WCAG AA ✓ Pass

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

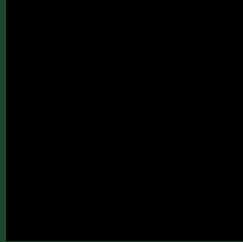
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 27, 24.885, 151.523

Background



This preview shows how black text looks on a background with the CIELCh color 27, 24.885, 151.523.



This preview shows how white text looks on a background with the CIELCh color 27, 24.885, 151.523.

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](#).

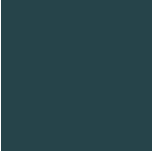
Dichromacy



Original Color
27, 24.885, 151.523

Protanopia
27, 14.369, 97.262

Deuteranopia
27, 11.540, 71.246



Tritanopia
27, 11.725, 217.439

Trichromacy



Original Color
27, 24.885, 151.523

Protanomaly
27, 16.431, 127.597

Deuteranomaly
26, 12.588, 120.944

Tritanomaly
27, 14.127, 180.957

Monochromacy



Original Color
27, 24.885, 151.523

Achromatopsia
24, 0.004, 296.813

Achromatomaly
25, 9.517, 154.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 27, 24.885, 151.523 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(30, 72, 45)` looks like.

```
.text, #text, p{  
    color:rgb(30, 72, 45)  
}
```

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(30, 72, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 72, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 27, 24.885, 151.523 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(30, 72, 45) }
```

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

```
.border{ border-color:rgb(30, 72, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 72, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 72, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 72, 45);  
box-shadow:4px 4px 4px 4px rgb(30, 72, 45)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 27, 24.885, 151.523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 72, 45) }
```

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

```
.background{ background-color: rgb(30, 72,  
45) }
```

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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