

Converting Colors

CIELCh(18, 30.062, 156.986)

Have a look what the booklet for
CIELCh(18, 30.062, 156.986)
contains.

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Color

CIELCh(18, 27.265, 152.751)

Conversions

Conversions Part 1

Format	Color
Hex	003419
RGB	0, 52, 25
RGB Percent	0%, 20%, 10%
CMY	1.0000, 0.7962, 0.9017
CMYK	1.00, 0.00, 0.52, 0.80
HSL	149°, 100%, 10%
HSV	149°, 100%, 20%
XYZ	1.3914, 2.5180, 1.3367
YIQ	33.3740, -22.3250, -19.4210

Conversions

Conversions Part 2

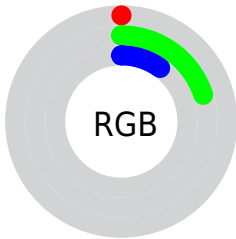
Format	Color
RYB	0, 35, 52
Decimal	13337
CIELab	18.00, -24.24, 12.48
CIELCh	18, 27.265, 152.751
Yxy	2.5180, 0.2652, 0.4800
Android (android.graphics.Color)	4278203417 (0xFF003419)
YUV	33.3740, -4.1284, -29.2690
Hunter-Lab	15.8683, -12.1184, 6.1136

Details

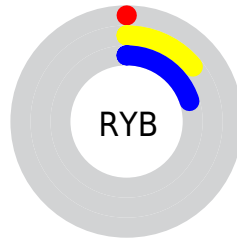
The CIELCh color **18, 27.265, 152.751** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **7, 28.193, 353.712**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 27.269, 152.298**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **18, 27.084, 152.457**, and if you desaturate by 10%, it is **18, 24.779, 153.478**.

Distribution



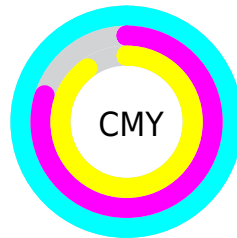
- Red (0%)
- Green (20%)
- Blue (10%)



- Red (0%)
- Yellow (14%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (80%)





- Cyan (100%)
- Magenta (80%)
- Yellow (90%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 27.265, 152.751 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 18, 27.265, 152.751 by changing the saturation by 10% instead.

 18, 27.265,
152.751


 18, 27.265,
152.751


 100, 27.265,
152.751


 8, 27.265, 152.751


 38, 27.265,
152.751

 0, 27.265, 152.751

 48, 27.265,
152.751


 58, 27.265,
152.751


 68, 27.265,
152.751


 78, 27.265,
152.751


 88, 27.265,

152.751


 98, 27.265,
152.751


 18, 27.265,
152.751

 18, 27.265,
152.751


 18, 27.084,
152.457

 18, 24.779,
153.478

 18, 22.518,
154.801

 19, 20.155,
156.188

 19, 17.593,
157.435

 19, 14.867,
158.556

■ 20, 12.012,
159.564

■ 20, 9.065, 160.476

■ 21, 6.061, 161.307

■ 21, 3.029, 162.082

Harmonies

Complementary

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



18, 27.265, 152.751



7, 28.193, 353.712

Rectangle

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



18, 27.265, 152.751



18, 27.265, 202.751



18, 27.265, 332.751



18, 27.265, 22.751

Sweetspot

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



18, 27.084, 152.457



26, 11.111, 160.350



19, 32.517, 126.248



12, 7.413, 160.290



66, 0.008, 296.813



13, 0.003, 296.813

Same Dimension

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



18, 27.084, 152.457



24, 32.439, 151.269



19, 16.647, 192.143



9, 1.646, 162.222



33, 40.593, 150.109



76, 80.624, 148.020

Inverse Universe

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



7, 28.193, 353.712



11, 32.846, 355.392



7, 27.545, 20.744



8, 1.662, 343.216



17, 39.885, 357.209



47, 75.130, 0.821

Previews

White Background



This preview shows how the CIELCh color 18, 27.265, 152.751 looks on a white background.

Color Contrast Check

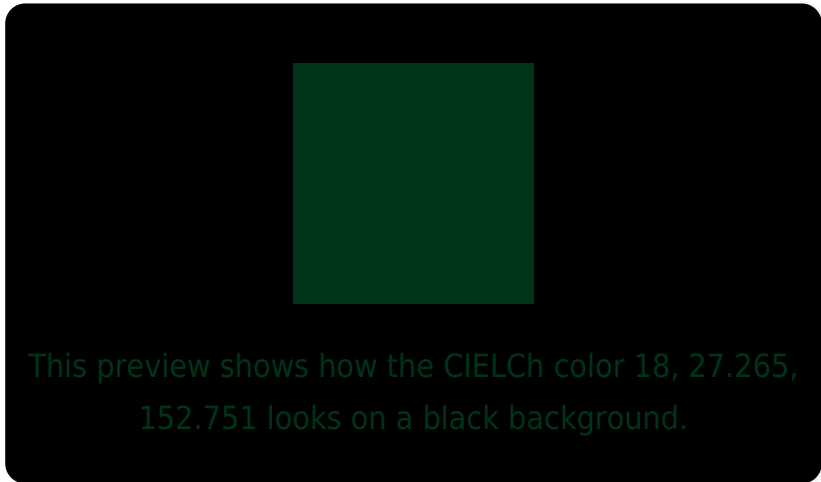
Large Text (above 18pt) WCAG AA ✓ Pass

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

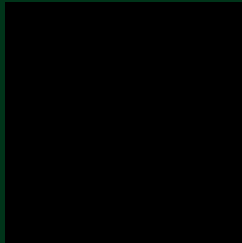
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 27.265, 152.751

Background



This preview shows how black text looks on a background with the CIELCh color 18, 27.265, 152.751.



This preview shows how white text looks on a background with the CIELCh color 18, 27.265, 152.751.

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
18, 27.138, 152.371

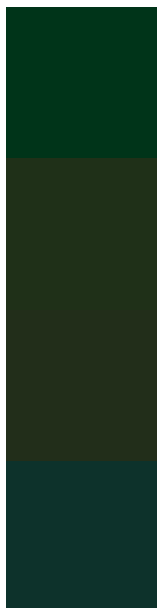
Protanopia
18, 14.994, 98.065

Deuteranopia
18, 12.544, 79.113



Tritanopia
18, 11.138, 211.872

Trichromacy



Original Color
18, 27.138, 152.371

Protanomaly
18, 18.289, 133.920

Deuteranomaly
17, 14.911, 130.840

Tritanomaly
18, 15.167, 177.762

Monochromacy



Original Color
18, 27.138, 152.371

Achromatopsia
13, 0.003, 296.813

Achromatomaly
14, 11.461, 158.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 27.265, 152.751 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(0, 52, 25)` looks like.

```
.text, #text, p{  
    color:rgb(0, 52, 25)  
}
```

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(0, 52, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 52, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 27.265, 152.751 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(0, 52, 25) }
```

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

```
.border{ border-color:rgb(0, 52, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 52, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 52, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 52, 25); box-shadow:4px  
4px 4px 4px rgb(0, 52, 25) }
```

Background

The CSS property to change the background color of an element to CIELCh 18, 27.265, 152.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 52, 25) }
```

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

```
.background{ background-color: rgb(0, 52,  
25) }
```

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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