

Converting Colors

CIELCh(16, 13.719, 137.763)

Have a look what the booklet for
CIELCh(16, 13.719, 137.763)
contains.

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Color

CIELCh(16, 13.719, 137.763)

Conversions

Conversions Part 1

Format	Color
Hex	1D2B1A
RGB	29, 43, 26
RGB Percent	11%, 17%, 10%
CMY	0.8848, 0.8298, 0.8966
CMYK	0.32, 0.00, 0.39, 0.83
HSL	109°, 24%, 14%
HSV	109°, 39%, 17%
XYZ	1.5862, 2.0993, 1.3205
YIQ	36.8760, -2.8870, -8.2550

Conversions

Conversions Part 2

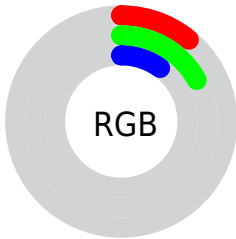
Format	Color
RYB	26, 43, 40
Decimal	1911578
CIELab	16.00, -10.16, 9.22
CIELCh	16, 13.719, 137.763
Yxy	2.0993, 0.3169, 0.4194
Android (android.graphics.Color)	4280101658 (0xFF1D2B1A)
YUV	36.8760, -5.3619, -6.9073
Hunter-Lab	14.4890, -5.8144, 4.7387

Details

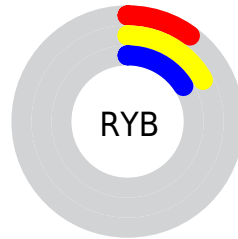
The CIELCh color **16, 13.719, 137.763** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12, 13.888, 320.917**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **36, 13.511, 137.530**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **16, 17.146, 137.214**, and if you desaturate by 10%, it is **16, 10.232, 138.276**.

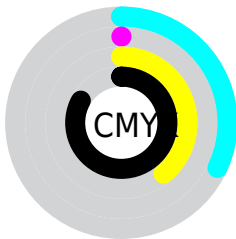
Distribution



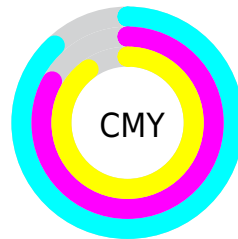
- Red (11%)
- Green (17%)
- Blue (10%)



- Red (10%)
- Yellow (17%)
- Blue (16%)



- Cyan (32%)
- Magenta (0%)
- Yellow (39%)
- Black (83%)



- Cyan (88%)
- Magenta (83%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 16, 13.719, 137.763 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 16, 13.719, 137.763 by changing the saturation by 10% instead.

■ 16, 13.719,
137.763

■ 16, 13.719,
137.763

■ 100, 13.719,
137.763

■ 6, 13.719, 137.763

■ 36, 13.719,
137.763

■ 0, 13.719, 137.763

■ 46, 13.719,
137.763


■ 56, 13.719,
137.763


■ 66, 13.719,
137.763


■ 76, 13.719,
137.763


■ 86, 13.719,


137.763


 96, 13.719,
137.763

 16, 13.719,
137.763


 16, 13.719,
137.763


 16, 17.146,
137.214


 16, 10.232,
138.276

 15, 20.434,
136.733


 17, 6.720, 138.744

 15, 23.333,
136.788

 17, 3.213, 139.175

 15, 25.808,
137.181

 18, 0.268, 319.246

 15, 28.122,
137.455

 19, 7.089, 320.139

■ 14, 30.402,
137.551

■ 19, 10.408,
320.399

■ 14, 30.579,
137.561

■ 20, 13.659,
320.627

■ 21, 16.837,
320.826

Harmonies

Complementary

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



16, 13.719, 137.763



12, 13.888, 320.917

Rectangle

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



16, 13.719, 137.763



16, 13.719, 187.763



16, 13.719, 317.763



16, 13.719, 7.763

Sweetspot

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



16, 13.720, 137.764



23, 5.195, 139.029



16, 9.773, 97.742



10, 3.356, 139.044



64, 0.008, 296.813



10, 0.003, 296.813

Same Dimension

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



16, 13.720, 137.764



21, 20.326, 137.184



16, 11.543, 152.347



7, 1.871, 139.715



32, 53.250, 134.162



75, 103.566, 134.994

Inverse Universe

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



12, 13.888, 320.917



15, 20.622, 321.273



12, 11.688, 337.316



7, 1.867, 319.279



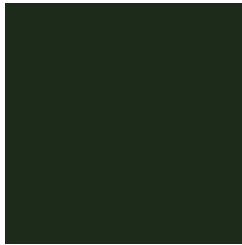
16, 53.400, 321.995



44, 102.938, 321.463

Previews

White Background



This preview shows how the CIELCh color 16, 13.719, 137.763 looks on a white background.

Color Contrast Check

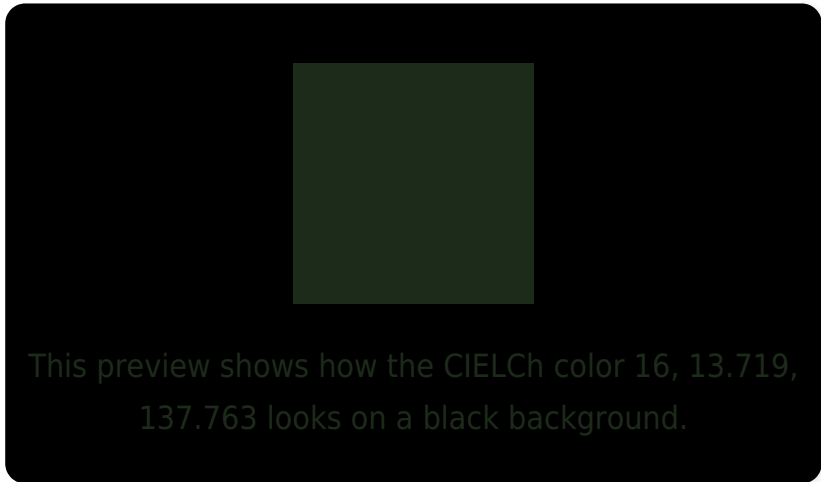
Large Text (above 18pt) WCAG AA ✓ Pass

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 16, 13.719, 137.763

Background



This preview shows how black text looks on a background with the CIELCh color 16, 13.719, 137.763.

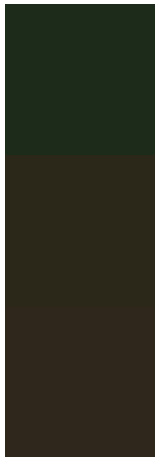


This preview shows how white text looks on a background with the CIELCh color 16, 13.719, 137.763.

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

16, 13.719, 137.763

Protanopia

16, 10.509, 98.508

Deuteranopia

16, 8.547, 73.974



Tritanopia
16, 4.461, 237.958

Trichromacy



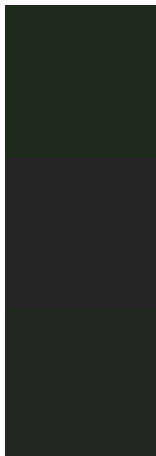
Original Color
16, 13.719, 137.763

Protanomaly
16, 11.147, 115.342

Deuteranomaly
16, 9.033, 104.348

Tritanomaly
16, 5.521, 167.670

Monochromacy



Original Color
16, 13.719, 137.763

Achromatopsia
15, 0.003, 296.813

Achromatomaly
15, 4.916, 139.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 16, 13.719, 137.763 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(29, 43, 26)` looks like.

```
.text, #text, p{  
    color:rgb(29, 43, 26)  
}
```

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(29, 43, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 43, 26) }
```

Border

The CSS property to change the border of an element to CIELCh 16, 13.719, 137.763 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(29, 43, 26) }
```

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

```
.border{ border-color:rgb(29, 43, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 43, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 43, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 43, 26);  
box-shadow:4px 4px 4px 4px rgb(29, 43, 26)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 16, 13.719, 137.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 43, 26) }
```

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

```
.background{ background-color: rgb(29, 43,  
26) }
```

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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