

Converting Colors

CIELCh(17, 13.721, 152.338)

Have a look what the booklet for
CIELCh(17, 13.721, 152.338)
contains.

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Color

CIELCh(17, 13.584, 151.285)

Conversions

Conversions Part 1

Format	Color
Hex	1A2E20
RGB	26, 46, 32
RGB Percent	10%, 18%, 13%
CMY	0.8971, 0.8186, 0.8736
CMYK	0.43, 0.00, 0.30, 0.82
HSL	138°, 28%, 14%
HSV	138°, 43%, 18%
XYZ	1.6832, 2.3023, 1.7394
YIQ	38.4240, -7.4260, -8.5940

Conversions

Conversions Part 2

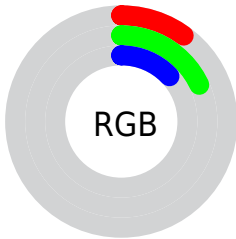
Format	Color
R_{YB}	26, 41, 46
Decimal	1715744
CIE Lab	17.00, -11.91, 6.53
CIE LCh	17, 13.584, 151.285
Yxy	2.3023, 0.2940, 0.4022
Android (android.graphics.Color)	4279905824 (0xFF1A2E20)
YUV	38.4240, -3.1670, -10.8958
Hunter-Lab	15.1734, -6.7521, 3.8249

Details

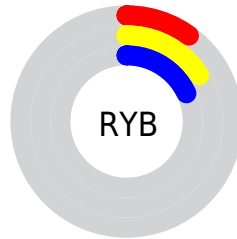
The CIELCh color **17, 13.584, 151.285** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **13, 13.738, 336.879**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 13.672, 151.556**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 16.604, 150.352**, and if you desaturate by 10%, it is **17, 10.482, 152.116**.

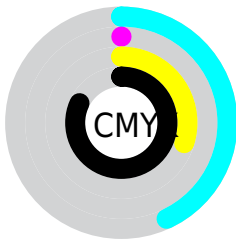
Distribution



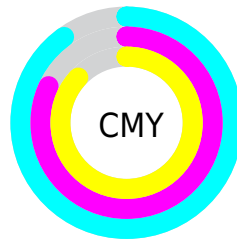
- Red (10%)
- Green (18%)
- Blue (13%)



- Red (10%)
- Yellow (16%)
- Blue (18%)



- Cyan (43%)
- Magenta (0%)
- Yellow (30%)
- Black (82%)



- Cyan (90%)
- Magenta (82%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 13.584, 151.285 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 17, 13.584, 151.285 by changing the saturation by 10% instead.

■ 17, 13.584,
151.285

■ 17, 13.584,
151.285

■ 100, 13.584,
151.285

■ 7, 13.584, 151.285

■ 37, 13.584,
151.285

■ 0, 13.584, 151.285

■ 47, 13.584,
151.285


■ 57, 13.584,
151.285


■ 67, 13.584,
151.285


■ 77, 13.584,
151.285


■ 87, 13.584,


151.285


 97, 13.584,
151.285

 17, 13.584,
151.285


 17, 13.584,
151.285

 17, 16.604,
150.352


 17, 10.482,
152.116

 16, 19.502,
149.307


 18, 7.334, 152.859

 16, 22.238,
148.141

 18, 4.170, 153.531

 16, 24.799,
146.911

 19, 1.018, 154.212

 16, 27.277,
146.168

 20, 5.173, 335.078

■ 16, 28.880,
146.008

■ 21, 8.184, 335.523

■ 21, 11.126,
335.924

■ 22, 13.995,
336.291

Harmonies

Complementary

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



17, 13.584, 151.285



13, 13.738, 336.879

Rectangle

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



17, 13.584, 151.285



17, 13.584, 201.285



17, 13.584, 331.285



17, 13.584, 21.285

Sweetspot

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



17, 13.584, 151.285



25, 5.177, 153.497



18, 13.833, 119.069



11, 3.537, 153.463



65, 0.008, 296.813



12, 0.003, 296.813

Same Dimension

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



17, 13.584, 151.285



23, 20.484, 150.165



17, 9.340, 178.581



7, 1.607, 153.941



31, 46.502, 142.831



75, 93.443, 140.927

Inverse Universe

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



13, 13.738, 336.879



16, 20.689, 337.720



12, 10.762, 6.170



7, 1.589, 334.607



17, 42.688, 343.256



48, 80.798, 345.073

Previews

White Background



This preview shows how the CIELCh color 17, 13.584, 151.285 looks on a white background.

Color Contrast Check

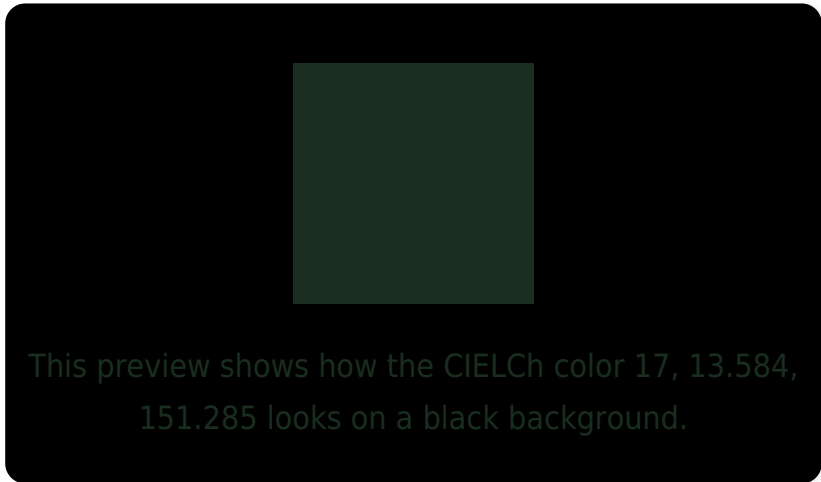
Large Text (above 18pt) WCAG AA ✓ Pass

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 17, 13.584, 151.285

Background



This preview shows how black text looks on a background with the CIELCh color 17, 13.584, 151.285.



This preview shows how white text looks on a background with the CIELCh color 17, 13.584, 151.285.

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](#).

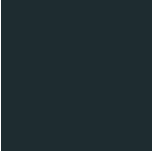
Dichromacy



Original Color
17, 13.584, 151.285

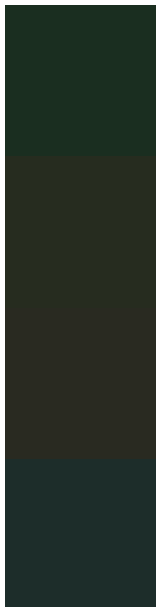
Protanopia
17, 8.424, 97.248

Deuteranopia
17, 6.277, 61.321



Tritanopia
17, 6.481, 223.927

Trichromacy



Original Color
17, 13.584, 151.285

Protanomaly
17, 9.448, 126.586

Deuteranomaly
17, 6.249, 113.177

Tritanomaly
17, 7.490, 181.574

Monochromacy



Original Color
17, 13.584, 151.285

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 5.225, 156.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 13.584, 151.285 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(26, 46, 32)` looks like.

```
.text, #text, p{  
    color:rgb(26, 46, 32)  
}
```

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(26, 46, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 46, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 13.584, 151.285 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(26, 46, 32) }
```

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

```
.border{ border-color:rgb(26, 46, 32) }
```

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

Here you see how a box with a 4 pixel rgb(26, 46, 32) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 46, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 46, 32);  
box-shadow:4px 4px 4px 4px rgb(26, 46, 32)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 13.584, 151.285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 46, 32) }
```

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

```
.background{ background-color: rgb(26, 46,  
32) }
```

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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