

Converting Colors

CIELCh(10, 17.846, 136.903)

Have a look what the booklet for
CIELCh(10, 17.846, 136.903)
contains.

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Color

CIELCh(10, 18.182, 136.754)

Conversions

Conversions Part 1

Format	Color
Hex	0F2005
RGB	15, 32, 5
RGB Percent	6%, 13%, 2%
CMY	0.9425, 0.8758, 0.9788
CMYK	0.54, 0.00, 0.83, 0.88
HSL	99°, 71%, 7%
HSV	99°, 83%, 12%
XYZ	0.7289, 1.1260, 0.3345
YIQ	23.8390, -1.4650, -12.0010

Conversions

Conversions Part 2

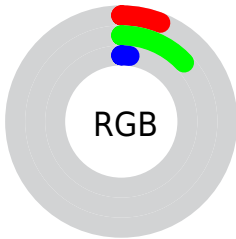
Format	Color
R_{YB}	5, 32, 22
Decimal	991237
CIE _{Lab}	10.00, -13.24, 12.46
CIE _{LCh}	10, 18.182, 136.754
Yxy	1.1260, 0.3329, 0.5143
Android (android.graphics.Color)	4279181317 (0xFF0F2005)
YUV	23.8390, -9.2876, -7.7518
Hunter-Lab	10.6114, -6.3085, 5.5591

Details

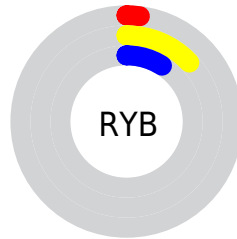
The CIELCh color **10, 18.182, 136.754** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4, 17.277, 311.500**, and the grayscale version is **8, 0.002, 296.813**.

A 20% lighter version of the original color is **30, 18.063, 136.111**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **10, 19.771, 137.026**, and if you desaturate by 10%, it is **10, 16.541, 136.177**.

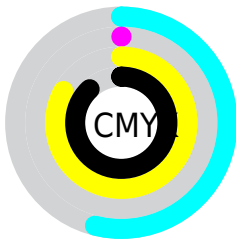
Distribution



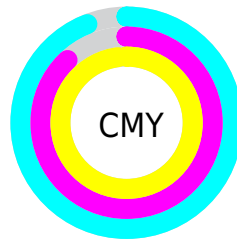
- Red (6%)
- Green (13%)
- Blue (2%)



- Red (2%)
- Yellow (13%)
- Blue (9%)



- Cyan (54%)
- Magenta (0%)
- Yellow (83%)
- Black (88%)





- Cyan (94%)
- Magenta (88%)
- Yellow (98%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 10, 18.182, 136.754 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 10, 18.182, 136.754 by changing the saturation by 10% instead.


 10, 18.182,
136.754


 10, 18.182,
136.754


 100, 18.182,
136.754


 0, 18.182, 136.754

 30, 18.182,
136.754

 40, 18.182,
136.754


 50, 18.182,
136.754


 60, 18.182,
136.754


 70, 18.182,
136.754


 80, 18.182,


136.754


 90, 18.182,
136.754


 10, 18.182,
136.754


 10, 18.182,
136.754


 10, 19.771,
137.026

 10, 16.541,
136.177

 10, 20.868,
137.076

 10, 14.812,
135.229

 11, 12.858,
134.209

 11, 10.699,
133.399

 11, 8.332, 133.027

■ 11, 5.802, 133.328

■ 12, 3.261, 133.675

■ 12, 0.727, 134.041

■ 12, 1.788, 314.239

Harmonies

Complementary

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



10, 18.182, 136.754



4, 17.277, 311.500

Rectangle

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



10, 18.182, 136.754



10, 18.182, 186.754



10, 18.182, 316.754



10, 18.182, 6.754

Sweetspot

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



10, 18.183, 136.754



16, 7.874, 133.187



8, 10.117, 76.815



6, 3.973, 135.069



61, 0.008, 296.813



6, 0.002, 296.812

Same Dimension

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



10, 18.183, 136.754



14, 27.258, 134.308



10, 18.743, 146.524



4, 0.864, 134.364



29, 48.005, 130.763



73, 97.327, 132.209

Inverse Universe

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



4, 17.277, 311.500



4, 27.668, 313.720



5, 17.663, 330.900



4, 0.863, 313.758



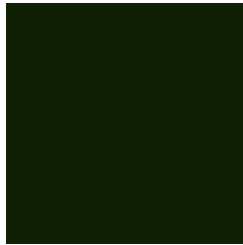
11, 51.437, 316.687



37, 103.244, 315.695

Previews

White Background



This preview shows how the CIELCh color 10, 18.182, 136.754 looks on a white background.

Color Contrast Check

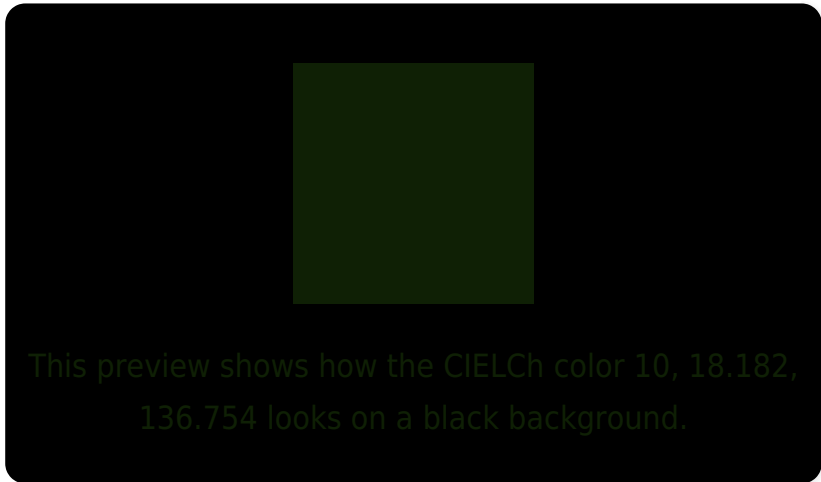
Large Text (above 18pt) WCAG AA ✓ Pass

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

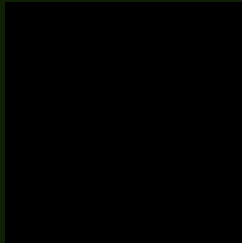
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 10, 18.182, 136.754

Background



This preview shows how black text looks on a background with the CIELCh color 10, 18.182, 136.754.

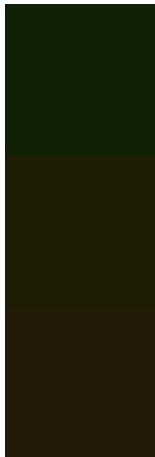


This preview shows how white text looks on a background with the CIELCh color 10, 18.182, 136.754.

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

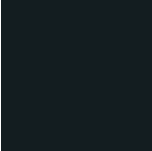
10, 18.557, 136.213

Protanopia

10, 13.541, 100.971

Deuteranopia

10, 11.669, 81.828



Tritanopia
10, 4.970, 225.011

Trichromacy



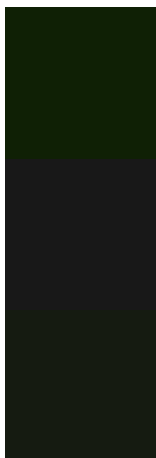
Original Color
10, 18.557, 136.213

Protanomaly
10, 14.053, 117.913

Deuteranomaly
10, 12.249, 108.640

Tritanomaly
10, 8.814, 155.228

Monochromacy



Original Color
10, 18.557, 136.213

Achromatopsia
8, 0.002, 296.813

Achromatomaly
9, 7.691, 133.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 10, 18.182, 136.754 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(15, 32, 5)` looks like.

```
.text, #text, p{  
    color:rgb(15, 32, 5)  
}
```

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(15, 32, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 32, 5) }
```

Border

The CSS property to change the border of an element to CIELCh 10, 18.182, 136.754 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(15, 32, 5) }
```

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

```
.border{ border-color:rgb(15, 32, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 32, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 32, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(15, 32, 5); box-shadow:4px  
4px 4px 4px rgb(15, 32, 5) }
```

Background

The CSS property to change the background color of an element to CIELCh 10, 18.182, 136.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 32, 5) }
```

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

```
.background{ background-color: rgb(15, 32,  
5) }
```

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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