

Converting Colors

CIELCh(14, 18.253, 105.792)

Have a look what the booklet for
CIELCh(14, 18.253, 105.792)
contains.

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Color

CIELCh(14, 18.297, 105.818)

Conversions

Conversions Part 1

Format	Color
Hex	252507
RGB	37, 37, 7
RGB Percent	15%, 15%, 3%
CMY	0.8550, 0.8550, 0.9727
CMYK	0.00, 0.00, 0.81, 0.85
HSL	60°, 68%, 9%
HSV	60°, 81%, 15%
XYZ	1.4611, 1.7298, 0.4568
YIQ	33.5800, 9.6300, -9.3300

Conversions

Conversions Part 2

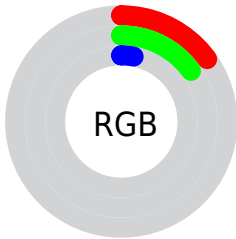
Format	Color
R_YB	7, 37, 7
Decimal	2434311
CIE Lab	14.00, -4.99, 17.60
CIE LCh	14, 18.297, 105.818
Yxy	1.7298, 0.4006, 0.4742
Android (android.graphics.Color)	4280624391 (0xFF252507)
YUV	33.5800, -13.1039, 2.9993
Hunter-Lab	13.1521, -3.1861, 7.1472

Details

The CIELCh color **14, 18.297, 105.818** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **3, 19.590, 292.513**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **34, 18.452, 106.965**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **14, 19.790, 105.724**, and if you desaturate by 10%, it is **14, 16.802, 105.949**.

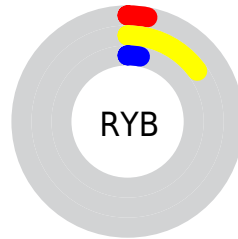
Distribution



Red (15%)

Green (15%)

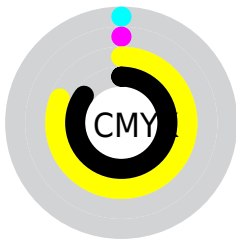
Blue (3%)



Red (3%)

Yellow (15%)

Blue (3%)

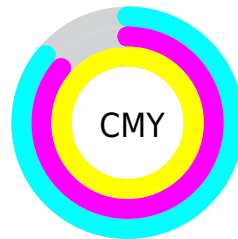


Cyan (0%)

Magenta (0%)

Yellow (81%)

Black (85%)



Cyan (86%)


Magenta (86%)


Yellow (97%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 14, 18.297, 105.818 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 14, 18.297, 105.818 by changing the saturation by 10% instead.

 14, 18.297,
105.818

 14, 18.297,
105.818

 100, 18.297,
105.818


 4, 18.297, 105.818


 34, 18.297,
105.818

 0, 18.297, 105.818

 44, 18.297,
105.818


 54, 18.297,
105.818


 64, 18.297,
105.818


 74, 18.297,
105.818


 84, 18.297,


105.818


 94, 18.297,
105.818


 14, 18.297,
105.818


 14, 18.297,
105.818


 14, 19.790,
105.724

 14, 16.802,
105.949

 14, 21.109,
105.661

 14, 15.091,
106.150

 14, 13.039,
106.492

 14, 10.640,
107.105

 14, 8.096, 107.848

■ 14, 5.516, 108.596

■ 15, 2.915, 109.342

■ 15, 0.303, 110.023

■ 15, 2.314, 290.829

Harmonies

Complementary

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



14, 18.297, 105.818



3, 19.590, 292.513

Rectangle

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



14, 18.297, 105.818



14, 18.297, 155.818



14, 18.297, 285.818



14, 18.297, 335.818

Sweetspot

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



14, 18.298, 105.820



20, 7.858, 108.259



5, 14.935, 18.656



9, 5.145, 109.472



63, 0.008, 296.813



9, 0.003, 296.813

Same Dimension

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



14, 18.298, 105.820



19, 27.347, 103.953



13, 20.105, 128.988



5, 1.025, 110.166



33, 42.363, 102.850



81, 83.438, 102.850

Inverse Universe

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



3, 19.590, 292.513



2, 31.010, 295.971



4, 20.480, 307.093



5, 1.028, 290.185



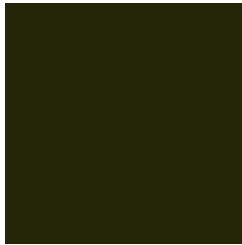
5, 57.189, 305.468



26, 115.214, 306.287

Previews

White Background



This preview shows how the CIELCh color 14, 18.297, 105.818 looks on a white background.

Color Contrast Check

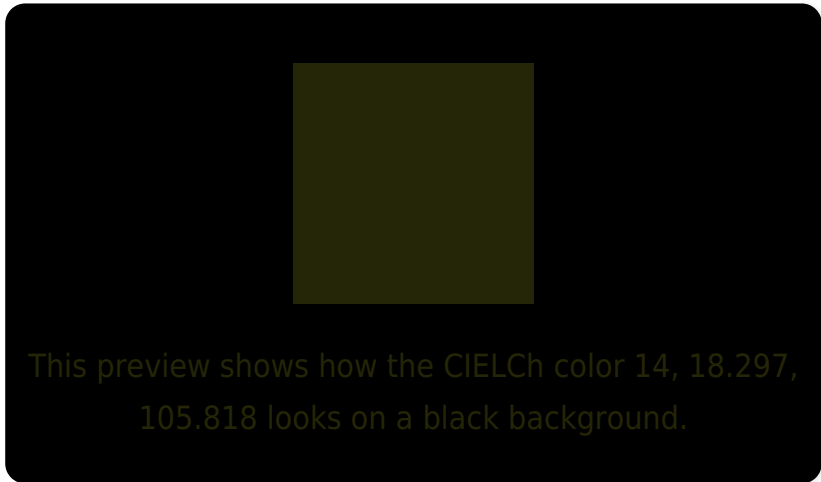
Large Text (above 18pt) WCAG AA ✓ Pass

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

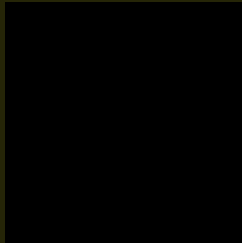
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

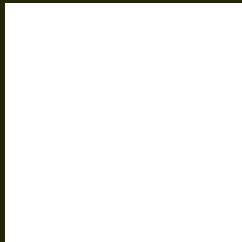
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 14, 18.297, 105.818

Background



This preview shows how black text looks on a background with the CIELCh color 14, 18.297, 105.818.

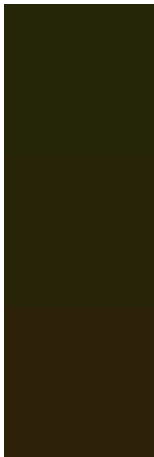


This preview shows how white text looks on a background with the CIELCh color 14, 18.297, 105.818.

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


14, 18.297, 105.818

Protanopia

14, 17.835, 98.487

Deuteranopia

14, 16.981, 84.112



Tritanopia
14, 3.264, 339.356

Trichromacy



Original Color
14, 18.297, 105.818

Protanomaly
14, 17.757, 100.365

Deuteranomaly
14, 17.168, 92.423

Tritanomaly
14, 6.581, 94.255

Monochromacy



Original Color
14, 18.297, 105.818

Achromatopsia
13, 0.003, 296.813

Achromatomaly
13, 7.789, 107.865

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 14, 18.297, 105.818 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(37, 37, 7)` looks like.

```
.text, #text, p{  
    color:rgb(37, 37, 7)  
}
```

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(37, 37, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 37, 7) }
```

Border

The CSS property to change the border of an element to CIELCh 14, 18.297, 105.818 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(37, 37, 7) }
```

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

```
.border{ border-color:rgb(37, 37, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 37, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 37, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(37, 37, 7); box-shadow:4px  
4px 4px 4px rgb(37, 37, 7) }
```

Background

The CSS property to change the background color of an element to CIELCh 14, 18.297, 105.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 37, 7) }
```

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

```
.background{ background-color: rgb(37, 37,  
7) }
```

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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