

Converting Colors

CIELCh(18, 28.342, 130.226)

Have a look what the booklet for
CIELCh(18, 28.342, 130.226)
contains.

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Color

CIELCh(18, 28.357, 130.592)

Conversions

Conversions Part 1

Format	Color
Hex	193209
RGB	25, 50, 9
RGB Percent	10%, 20%, 4%
CMY	0.9016, 0.8035, 0.9641
CMYK	0.50, 0.00, 0.82, 0.80
HSL	97°, 69%, 12%
HSV	97°, 82%, 20%
XYZ	1.5984, 2.5180, 0.6643
YIQ	37.8510, -1.7390, -18.0510

Conversions

Conversions Part 2

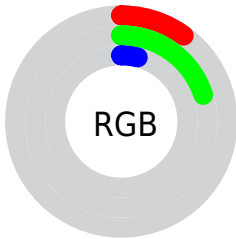
Format	Color
R_YB	9, 50, 34
Decimal	1651209
CIE _{Lab}	18.00, -18.45, 21.53
CIE _{LCh}	18, 28.357, 130.592
Yxy	2.5180, 0.3343, 0.5267
Android (android.graphics.Color)	4279841289 (0xFF193209)
YUV	37.8510, -14.2235, -11.2703
Hunter-Lab	15.8683, -9.7896, 8.6259

Details

The CIELCh color **18, 28.357, 130.592** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **7, 30.632, 315.401**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **38, 28.802, 130.209**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **18, 30.831, 130.981**, and if you desaturate by 10%, it is **18, 25.697, 130.245**.

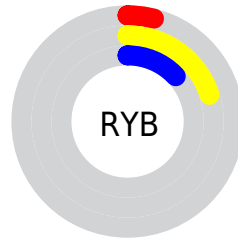
Distribution



Red (10%)

Green (20%)

Blue (4%)



Red (4%)

Yellow (20%)

Blue (13%)

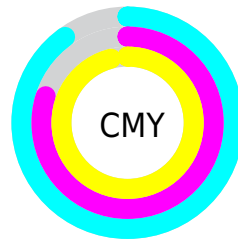


Cyan (50%)

Magenta (0%)

Yellow (82%)

Black (80%)



Cyan (90%)


Magenta (80%)


Yellow (96%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 18, 28.357, 130.592 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, 28.357, 130.592 by changing the saturation by 10% instead.

 18, 28.357,
130.592

 18, 28.357,
130.592


 100, 28.357,
130.592

 8, 28.357, 130.592


 38, 28.357,
130.592

 0, 28.357, 130.592

 48, 28.357,
130.592


 58, 28.357,
130.592


 68, 28.357,
130.592

 78, 28.357,
130.592


 88, 28.357,


130.592


 98, 28.357,
130.592


 18, 28.357,
130.592


 18, 28.357,
130.592


 18, 30.831,
130.981


 18, 25.697,
130.245

 18, 32.863,
131.197

 19, 22.503,
130.421

 19, 19.038,
130.808

 19, 15.445,
131.223

 19, 11.776,
131.641

■ 20, 8.069, 132.047

■ 20, 4.351, 132.435

■ 21, 0.645, 132.866

■ 21, 3.035, 313.081

Harmonies

Complementary

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



18, 28.357, 130.592



7, 30.632, 315.401

Rectangle

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



18, 28.357, 130.592



18, 28.357, 180.592



18, 28.357, 310.592



18, 28.357, 0.592

Sweetspot

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



18, 28.357, 130.593



27, 11.731, 131.860



15, 18.396, 74.923



12, 7.829, 131.837



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, 28.357, 130.593



24, 41.033, 129.831



17, 29.868, 140.967



9, 2.072, 132.589



33, 51.798, 130.106



77, 99.959, 131.389

Inverse Universe

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



7, 30.632, 315.401



8, 45.012, 315.867



10, 29.236, 331.148



8, 2.091, 313.101



13, 56.346, 315.479



38, 107.898, 314.587

Previews

White Background



This preview shows how the CIELCh color 18, 28.357, 130.592 looks on a white background.

Color Contrast Check

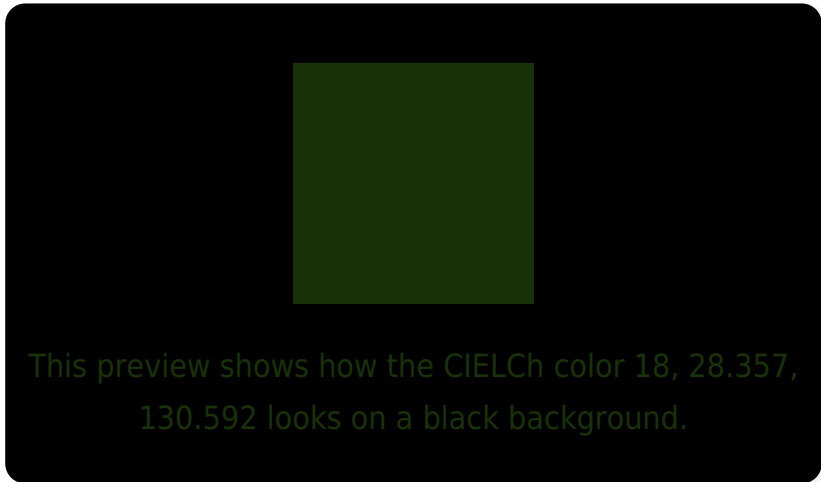
Large Text (above 18pt) WCAG AA ✓ Pass

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

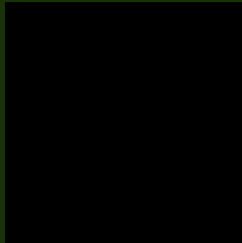
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 18, 28.357, 130.592

Background



This preview shows how black text looks on a background with the CIELCh color 18, 28.357, 130.592.



This preview shows how white text looks on a background with the CIELCh color 18, 28.357, 130.592.

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](#).

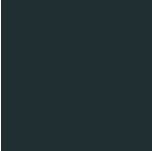
Dichromacy



Original Color
18, 28.357, 130.592

Protanopia
18, 22.519, 96.032

Deuteranopia
18, 20.504, 84.186



Tritanopia
18, 6.630, 216.527

Trichromacy



Original Color
18, 28.357, 130.592

Protanomaly
18, 23.485, 111.342

Deuteranomaly
18, 21.106, 106.421

Tritanomaly
18, 12.687, 152.204

Monochromacy



Original Color
18, 28.357, 130.592

Achromatopsia
15, 0.003, 296.813

Achromatomaly
16, 10.744, 132.684

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 18, 28.357, 130.592 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(25, 50, 9)` looks like.

```
.text, #text, p{  
    color:rgb(25, 50, 9)  
}
```

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(25, 50, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 50, 9) }
```

Border

The CSS property to change the border of an element to CIELCh 18, 28.357, 130.592 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(25, 50, 9) }
```

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

```
.border{ border-color:rgb(25, 50, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 50, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 50, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(25, 50, 9); box-shadow:4px  
4px 4px 4px rgb(25, 50, 9) }
```

Background

The CSS property to change the background color of an element to CIELCh 18, 28.357, 130.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 50, 9) }
```

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

```
.background{ background-color: rgb(25, 50,  
9) }
```

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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