

Converting Colors

CIELCh(28, 34.691, 124.039)

Have a look what the booklet for
CIELCh(28, 34.691, 124.039)
contains.

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Color

CIELCh(28, 34.632, 123.995)

Conversions

Conversions Part 1

Format	Color
Hex	314912
RGB	49, 73, 18
RGB Percent	19%, 29%, 7%
CMY	0.8080, 0.7138, 0.9295
CMYK	0.33, 0.00, 0.75, 0.71
HSL	86°, 60%, 18%
HSV	86°, 75%, 29%
XYZ	3.7550, 5.4574, 1.4266
YIQ	59.5540, 3.3510, -22.1930

Conversions

Conversions Part 2

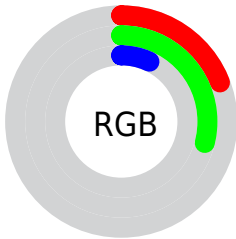
Format	Color
R_{YB}	18, 73, 42
Decimal	3229970
CIE _{Lab}	28.00, -19.36, 28.71
CIE _{LCh}	28, 34.632, 123.995
Yxy	5.4574, 0.3529, 0.5130
Android (android.graphics.Color)	4281420050 (0xFF314912)
YUV	59.5540, -20.4861, -9.2559
Hunter-Lab	23.3610, -12.1902, 12.7321

Details

The CIELCh color **28, 34.632, 123.995** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12, 39.125, 310.631**, and the grayscale version is **25, 0.004, 296.813**.

A 20% lighter version of the original color is **48, 34.812, 124.414**, and **8, 21.034, 144.425** is the 20% darker color. If you saturate the color by 10%, you get **28, 38.005, 124.078**, and if you desaturate by 10%, it is **28, 30.717, 124.147**.

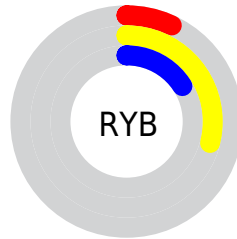
Distribution



Red (19%)

Green (29%)

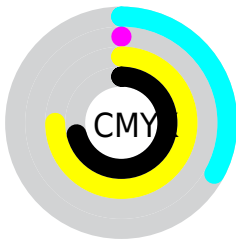
Blue (7%)



Red (7%)

Yellow (29%)

Blue (16%)

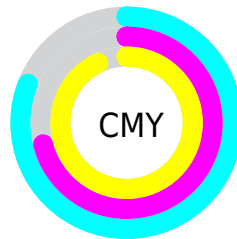


Cyan (33%)

Magenta (0%)

Yellow (75%)

Black (71%)



Cyan (81%)


Magenta (71%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 28, 34.632, 123.995 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 28, 34.632, 123.995 by changing the saturation by 10% instead.

 28, 34.632,
123.995


 28, 34.632,
123.995

 100, 34.632,
123.995

 18, 34.632,
123.995


 48, 34.632,
123.995


 8, 34.632, 123.995

 58, 34.632,
123.995

 0, 34.632, 123.995

 68, 34.632,
123.995

 78, 34.632,
123.995

 88, 34.632,
123.995

 98, 34.632,

123.995

■ 28, 34.632,
123.995

■ 28, 34.632,
123.995

■ 28, 38.005,
124.078

■ 28, 30.717,
124.147

■ 28, 41.118,
124.182

■ 29, 26.419,
124.448

■ 27, 42.620,
124.158

■ 29, 21.866,
124.838

■ 29, 17.150,
125.273

■ 30, 12.340,
125.723

■ 30, 7.481, 126.171

■ 31, 2.608, 126.613

■ 31, 2.254, 306.981

■ 32, 7.088, 307.377

Harmonies

Complementary

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



28, 34.632, 123.995



12, 39.125, 310.631

Rectangle

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



28, 34.632, 123.995



28, 34.632, 173.995



28, 34.632, 303.995



28, 34.632, 353.995

Sweetspot

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



28, 34.632, 123.996



39, 13.846, 125.791



20, 24.437, 60.604



19, 9.661, 125.700



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



28, 34.632, 123.996



36, 47.935, 124.374



27, 39.688, 137.363



14, 2.661, 126.471



38, 53.113, 124.811



82, 98.015, 126.002

Inverse Universe

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



12, 39.125, 310.631



13, 55.787, 311.020



16, 39.403, 325.561



13, 2.696, 307.170



12, 62.976, 311.206



34, 116.001, 310.403

Previews

White Background



This preview shows how the CIELCh color 28, 34.632, 123.995 looks on a white background.

Color Contrast Check

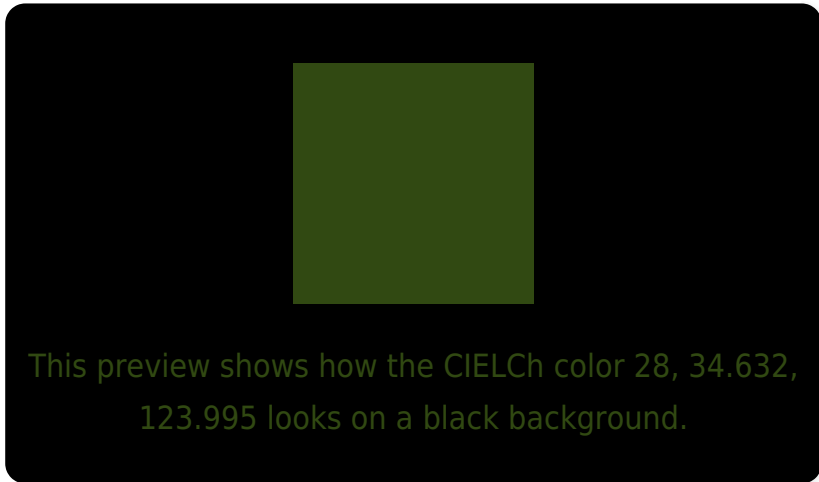
Large Text (above 18pt) WCAG AA ✓ Pass

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

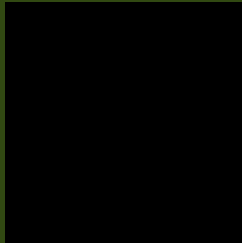
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 28, 34.632, 123.995

Background



This preview shows how black text looks on a background with the CIELCh color 28, 34.632, 123.995.



This preview shows how white text looks on a background with the CIELCh color 28, 34.632, 123.995.

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

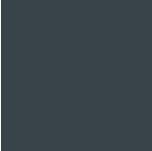
28, 34.632, 123.995

Protanopia

28, 30.312, 96.083

Deuteranopia

28, 27.902, 82.420



Tritanopia
28, 5.835, 232.626

Trichromacy



Original Color
28, 34.632, 123.995

Protanomaly
28, 30.982, 107.991

Deuteranomaly
28, 28.105, 100.303

Tritanomaly
28, 13.448, 143.043

Monochromacy



Original Color
28, 34.632, 123.995

Achromatopsia
25, 0.004, 296.813

Achromatomaly
26, 13.617, 126.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 28, 34.632, 123.995 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(49, 73, 18)` looks like.

```
.text, #text, p{  
    color:rgb(49, 73, 18)  
}
```

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(49, 73, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 73, 18) }
```

Border

The CSS property to change the border of an element to CIELCh 28, 34.632, 123.995 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(49, 73, 18) }
```

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

```
.border{ border-color:rgb(49, 73, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 73, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 73, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 73, 18);  
box-shadow:4px 4px 4px 4px rgb(49, 73, 18)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 28, 34.632, 123.995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 73, 18) }
```

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

```
.background{ background-color: rgb(49, 73,  
18) }
```

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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