

Converting Colors

CIELCh(34, 29.472, 102.154)

Have a look what the booklet for
CIELCh(34, 29.472, 102.154)
contains.

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Color

CIELCh(34, 29.839, 102.083)

Conversions

Conversions Part 1

Format	Color
Hex	555220
RGB	85, 82, 32
RGB Percent	33%, 32%, 13%
CMY	0.6679, 0.6796, 0.8756
CMYK	0.00, 0.04, 0.63, 0.67
HSL	57°, 46%, 23%
HSV	57°, 63%, 33%
XYZ	6.9688, 8.0082, 2.5244
YIQ	77.1970, 17.8380, -14.9140

Conversions

Conversions Part 2

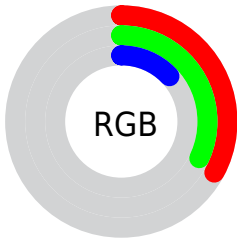
Format	Color
RYB	35, 85, 32
Decimal	5591584
CIELab	34.00, -6.25, 29.18
CIELCh	34, 29.839, 102.083
Yxy	8.0082, 0.3982, 0.4576
Android (android.graphics.Color)	4283781664 (0xFF555220)
YUV	77.1970, -22.2821, 6.8432
Hunter-Lab	28.2988, -5.5661, 14.5202

Details

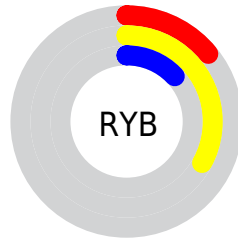
The CIELCh color $[34, 29.839, 102.083]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[16, 34.730, 297.005]$, and the grayscale version is $[33, 0.005, 296.813]$.

A 20% lighter version of the original color is $[54, 29.949, 102.131]$, and $[14, 21.757, 105.434]$ is the 20% darker color. If you saturate the color by 10%, you get $[34, 33.799, 101.277]$, and if you desaturate by 10%, it is $[34, 25.467, 102.955]$.

Distribution



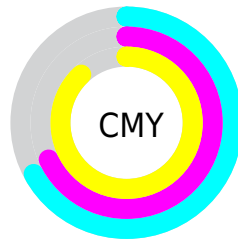
- Red (33%)
- Green (32%)
- Blue (13%)



- Red (14%)
- Yellow (33%)
- Blue (13%)



- Cyan (0%)
- Magenta (4%)
- Yellow (63%)
- Black (67%)





- Cyan (67%)
- Magenta (68%)
- Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 34, 29.839, 102.083 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 34, 29.839, 102.083 by changing the saturation by 10% instead.


 34, 29.839,
102.083

 34, 29.839,
102.083

 100, 29.839,
102.083

 24, 29.839,
102.083

 54, 29.839,
102.083

 14, 29.839,
102.083


 64, 29.839,
102.083

 4, 29.839, 102.083

 74, 29.839,
102.083

 0, 29.839, 102.083

 84, 29.839,
102.083

 94, 29.839,
102.083

■ 34, 29.839,
102.083

■ 34, 29.839,
102.083

■ 34, 33.799,
101.277

■ 34, 25.467,
102.955

■ 34, 37.144,
100.551

■ 35, 20.831,
103.865

■ 33, 39.777, 99.918

■ 35, 16.036,
104.797

■ 33, 41.837, 99.453

■ 35, 11.148,
105.736

■ 36, 6.213, 106.668

■ 36, 1.260, 107.560

■ 36, 3.695, 288.510

■ 37, 8.637, 289.377

■ 37, 13.559,

Harmonies

Complementary

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



34, 29.839, 102.083



16, 34.730, 297.005

Rectangle

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



34, 29.839, 102.083



34, 29.839, 152.083



34, 29.839, 282.083



34, 29.839, 332.083

Sweetspot

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



34, 29.839, 102.086



45, 11.633, 106.009



20, 26.960, 22.040



23, 8.068, 105.839



75, 0.009, 296.813



24, 0.004, 296.813

Same Dimension

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



34, 29.839, 102.086



43, 42.576, 100.905



33, 33.314, 124.065



17, 2.824, 107.012



42, 49.225, 99.343



87, 87.285, 99.094

Inverse Universe

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



16, 34.730, 297.005



17, 52.652, 300.274



18, 36.884, 310.011



16, 2.874, 288.692



11, 67.500, 305.010



30, 123.315, 305.774

Previews

White Background



This preview shows how the CIELCh color 34, 29.839, 102.083 looks on a white background.

Color Contrast Check

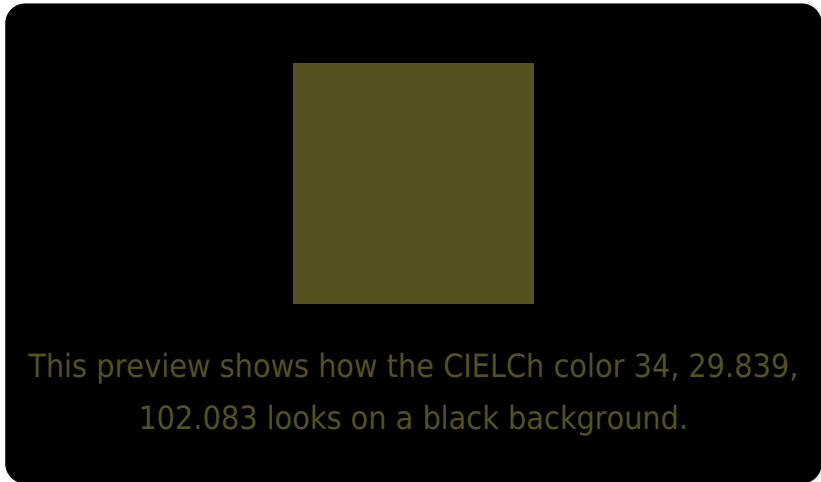
Large Text (above 18pt) WCAG AA ✓ Pass

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 34, 29.839, 102.083

Background



This preview shows how black text looks on a background with the CIELCh color 34, 29.839, 102.083.



This preview shows how white text looks on a background with the CIELCh color 34, 29.839, 102.083.

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


34, 29.839, 102.083

Protanopia

34, 29.730, 96.129

Deuteranopia

34, 29.051, 81.411



Tritanopia
34, 6.422, 344.669

Trichromacy



Original Color
34, 29.839, 102.083

Protanomaly
34, 29.998, 99.124

Deuteranomaly
34, 28.594, 88.674

Tritanomaly
34, 10.090, 86.830

Monochromacy



Original Color
34, 29.839, 102.083

Achromatopsia
33, 0.005, 296.813

Achromatomaly
33, 11.237, 105.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 34, 29.839, 102.083 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(85, 82, 32)` looks like.

```
.text, #text, p{  
    color:rgb(85, 82, 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(85, 82, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 82, 32) }
```

Border

The CSS property to change the border of an element to CIELCh 34, 29.839, 102.083 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(85, 82, 32) }
```

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

```
.border{ border-color:rgb(85, 82, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 82, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 82, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 82, 32);  
box-shadow:4px 4px 4px 4px rgb(85, 82, 32)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 34, 29.839, 102.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 82, 32) }
```

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

```
.background{ background-color: rgb(85, 82,  
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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