

Converting Colors

CIELCh(29, 28.250, 124.235)

Have a look what the booklet for
CIELCh(29, 28.250, 124.235)
contains.

CIELCh(29, 27.983, 124.555)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(29, 27.983, 124.555)

Conversions

Conversions Part 1

Format	Color
Hex	374A1F
RGB	55, 74, 31
RGB Percent	22%, 29%, 12%
CMY	0.7836, 0.7091, 0.8778
CMYK	0.26, 0.00, 0.58, 0.71
HSL	87°, 41%, 21%
HSV	87°, 58%, 29%
XYZ	4.2951, 5.8380, 2.2081
YIQ	63.4170, 2.4790, -17.4010

Conversions

Conversions Part 2

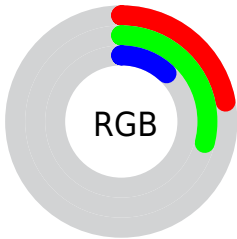
Format	Color
R_{YB}	31, 74, 50
Decimal	3623455
CIE _{Lab}	29.00, -15.87, 23.05
CIE _{LCh}	29, 27.983, 124.555
Yxy	5.8380, 0.3480, 0.4731
Android (android.graphics.Color)	4281813535 (0xFF374A1F)
YUV	63.4170, -15.9816, -7.3817
Hunter-Lab	24.1619, -10.5527, 11.4951

Details

The CIELCh color **29, 27.983, 124.555** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16, 30.597, 309.949**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 28.361, 124.620**, and **9, 19.593, 138.352** is the 20% darker color. If you saturate the color by 10%, you get **29, 32.255, 124.290**, and if you desaturate by 10%, it is **29, 23.421, 124.927**.

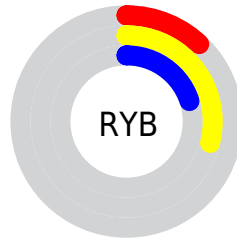
Distribution



Red (22%)

Green (29%)

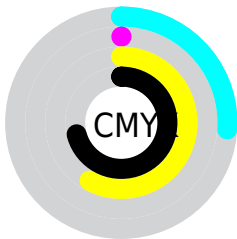
Blue (12%)



Red (12%)

Yellow (29%)

Blue (20%)

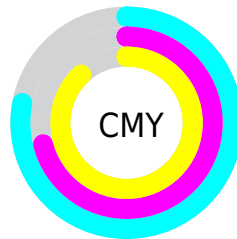


Cyan (26%)

Magenta (0%)

Yellow (58%)

Black (71%)



Cyan (78%)


Magenta (71%)


Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 29, 27.983, 124.555 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 29, 27.983, 124.555 by changing the saturation by 10% instead.

 29, 27.983,
124.555


 29, 27.983,
124.555

 100, 27.983,
124.555


 19, 27.983,
124.555


 49, 27.983,
124.555


 9, 27.983, 124.555

 59, 27.983,
124.555

 0, 27.983, 124.555

 69, 27.983,
124.555

 79, 27.983,
124.555

 89, 27.983,
124.555

 99, 27.983,

124.555

■ 29, 27.983,
124.555

■ 29, 27.983,
124.555

■ 29, 32.255,
124.290

■ 29, 23.421,
124.927

■ 28, 36.094,
124.195

■ 30, 18.671,
125.353

■ 28, 39.344,
124.353

■ 30, 13.809,
125.801

■ 28, 42.541,
124.391

■ 31, 8.886, 126.250

■ 28, 43.205,
124.375

■ 31, 3.942, 126.691

■ 32, 0.997, 307.042

■ 32, 5.911, 307.469

■ 33, 10.784,
307.831

■ 33, 15.606,
308.163

Harmonies

Complementary

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



29, 27.983, 124.555



16, 30.597, 309.949

Rectangle

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



29, 27.983, 124.555



29, 27.983, 174.555



29, 27.983, 304.555



29, 27.983, 354.555

Sweetspot

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



29, 27.984, 124.556



40, 10.480, 126.265



23, 18.337, 62.229



19, 6.915, 126.230



72, 0.009, 296.813



20, 0.004, 296.813

Same Dimension

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



29, 27.984, 124.556



38, 41.002, 124.219



28, 32.244, 138.812



15, 2.826, 126.659



38, 54.180, 125.064



82, 99.033, 126.217

Inverse Universe

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



16, 30.597, 309.949



19, 46.041, 310.675



19, 32.267, 325.099



14, 2.864, 307.368



13, 64.058, 311.280



35, 116.858, 310.502

Previews

White Background



This preview shows how the CIE LCh color 29, 27.983, 124.555 looks on a white background.

Color Contrast Check

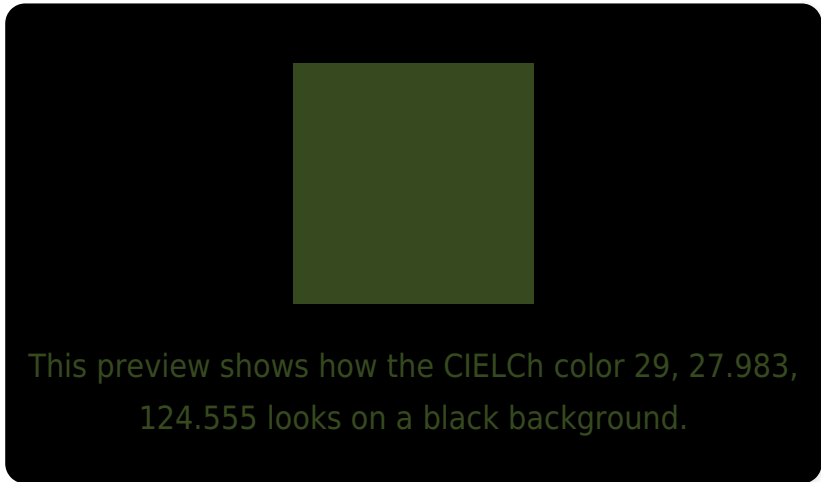
Large Text (above 18pt) WCAG AA ✓ Pass

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

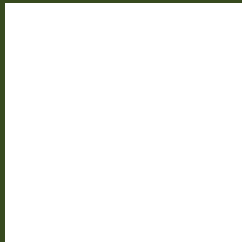
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 29, 27.983, 124.555

Background



This preview shows how black text looks on a background with the CIELCh color 29, 27.983, 124.555.



This preview shows how white text looks on a background with the CIELCh color 29, 27.983, 124.555.

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](#).

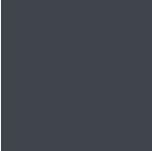
Dichromacy



Original Color
29, 27.983, 124.555

Protanopia
29, 24.620, 95.685

Deuteranopia
29, 22.221, 79.852



Tritanopia
29, 4.872, 240.470

Trichromacy



Original Color
29, 27.983, 124.555

Protanomaly
29, 24.732, 107.740

Deuteranomaly
29, 22.159, 97.859

Tritanomaly
29, 10.222, 143.450

Monochromacy



Original Color
29, 27.983, 124.555

Achromatopsia
27, 0.004, 296.813

Achromatomaly
28, 10.798, 125.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 27.983, 124.555 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(55, 74, 31)` looks like.

```
.text, #text, p{  
    color:rgb(55, 74, 31)  
}
```

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(55, 74, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 74, 31) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 27.983, 124.555 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(55, 74, 31) }
```

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

```
.border{ border-color:rgb(55, 74, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 74, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 74, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 74, 31);  
box-shadow:4px 4px 4px 4px rgb(55, 74, 31)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 27.983, 124.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 74, 31) }
```

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

```
.background{ background-color: rgb(55, 74,  
31) }
```

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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