

Converting Colors

CIELCh(29, 30.649, 124.006)

Have a look what the booklet for
CIELCh(29, 30.649, 124.006)
contains.

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Color

CIELCh(29, 30.836, 124.215)

Conversions

Conversions Part 1

Format	Color
Hex	364B1B
RGB	54, 75, 27
RGB Percent	21%, 29%, 11%
CMY	0.7896, 0.7072, 0.8954
CMYK	0.28, 0.00, 0.64, 0.71
HSL	86°, 47%, 20%
HSV	86°, 64%, 29%
XYZ	4.1898, 5.8380, 1.9233
YIQ	63.2490, 2.8920, -19.3800

Conversions

Conversions Part 2

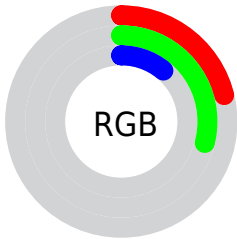
Format	Color
R_{YB}	27, 75, 48
Decimal	3558171
CIE _{Lab}	29.00, -17.34, 25.50
CIE _{LCh}	29, 30.836, 124.215
Yxy	5.8380, 0.3506, 0.4885
Android (android.graphics.Color)	4281748251 (0xFF364B1B)
YUV	63.2490, -17.8708, -8.1114
Hunter-Lab	24.1619, -11.3304, 12.1938

Details

The CIELCh color **29, 30.836, 124.215** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **15, 34.139, 310.164**, and the grayscale version is **27, 0.004, 296.813**.

A 20% lighter version of the original color is **49, 30.706, 124.704**, and **9, 21.071, 140.569** is the 20% darker color. If you saturate the color by 10%, you get **29, 34.868, 124.050**, and if you desaturate by 10%, it is **29, 26.427, 124.529**.

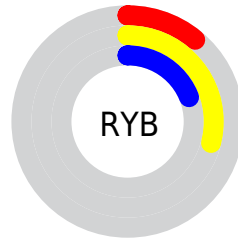
Distribution



Red (21%)

Green (29%)

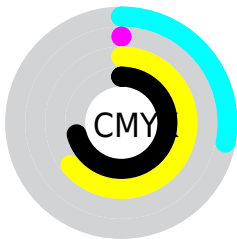
Blue (11%)



Red (11%)

Yellow (29%)

Blue (19%)

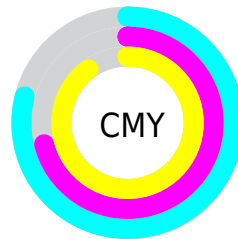


Cyan (28%)

Magenta (0%)

Yellow (64%)

Black (71%)



Cyan (79%)


Magenta (71%)


Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 29, 30.836, 124.215 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, 30.836, 124.215 by changing the saturation by 10% instead.

 29, 30.836,
124.215


 29, 30.836,
124.215

 100, 30.836,
124.215


 19, 30.836,
124.215


 49, 30.836,
124.215


 9, 30.836, 124.215

 59, 30.836,
124.215

 0, 30.836, 124.215

 69, 30.836,
124.215

 79, 30.836,
124.215

 89, 30.836,
124.215

 99, 30.836,

124.215

■ 29, 30.836,
124.215

■ 29, 30.836,
124.215

■ 29, 34.868,
124.050

■ 29, 26.427,
124.529

■ 28, 38.359,
124.110

■ 30, 21.766,
124.926

■ 28, 41.462,
124.271

■ 30, 16.947,
125.364

■ 28, 43.355,
124.230

■ 31, 12.036,
125.816

■ 31, 7.080, 126.264

■ 32, 2.113, 126.709

■ 32, 2.842, 307.075

■ 33, 7.765, 307.464

■ 33, 12.643,
307.817

Harmonies

Complementary

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



29, 30.836, 124.215



15, 34.139, 310.164

Rectangle

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



29, 30.836, 124.215



29, 30.836, 174.215



29, 30.836, 304.215



29, 30.836, 354.215

Sweetspot

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



29, 30.836, 124.216



40, 11.701, 126.021



22, 20.751, 61.637



19, 7.943, 125.955



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, 30.836, 124.216



37, 44.149, 124.050



28, 35.497, 138.269



15, 2.824, 126.510



39, 54.110, 124.910



82, 98.896, 126.061

Inverse Universe

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



15, 34.139, 310.164



17, 50.285, 310.837



18, 35.440, 325.296



14, 2.861, 307.223



13, 64.111, 311.197



35, 116.960, 310.421

Previews

White Background



This preview shows how the CIE LCh color 29, 30.836, 124.215 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

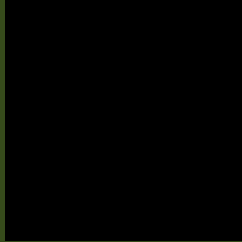
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 29, 30.836, 124.215

Background



This preview shows how black text looks on a background with the CIELCh color 29, 30.836, 124.215.



This preview shows how white text looks on a background with the CIELCh color 29, 30.836, 124.215.

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, 30.836, 124.215

Protanopia

29, 26.803, 95.978

Deuteranopia

29, 24.661, 80.567



Tritanopia
29, 5.178, 237.505

Trichromacy



Original Color
29, 30.836, 124.215

Protanomaly
29, 26.924, 107.143

Deuteranomaly
29, 24.902, 99.378

Tritanomaly
29, 11.549, 141.575

Monochromacy



Original Color
29, 30.836, 124.215

Achromatopsia
27, 0.004, 296.813

Achromatomaly
27, 11.433, 124.822

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 29, 30.836, 124.215 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(54, 75, 27)` looks like.

```
.text, #text, p{  
    color:rgb(54, 75, 27)  
}
```

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(54, 75, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 75, 27) }
```

Border

The CSS property to change the border of an element to CIELCh 29, 30.836, 124.215 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(54, 75, 27) }
```

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

```
.border{ border-color:rgb(54, 75, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 75, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 75, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 75, 27);  
box-shadow:4px 4px 4px 4px rgb(54, 75, 27)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 29, 30.836, 124.215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 75, 27) }
```

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

```
.background{ background-color: rgb(54, 75,  
27) }
```

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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