

Converting Colors

CIELCh(15, 22.417, 124.412)

Have a look what the booklet for
CIELCh(15, 22.417, 124.412)
contains.

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Color

CIELCh(15, 22.408, 124.792)

Conversions

Conversions Part 1

Format	Color
Hex	1C2A08
RGB	28, 42, 8
RGB Percent	11%, 16%, 3%
CMY	0.8907, 0.8358, 0.9694
CMYK	0.33, 0.00, 0.81, 0.84
HSL	85°, 69%, 10%
HSV	85°, 81%, 16%
XYZ	1.3415, 1.9086, 0.5216
YIQ	33.9380, 2.5700, -13.5420

Conversions

Conversions Part 2

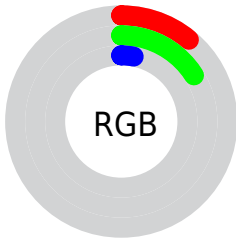
Format	Color
RYB	8, 42, 22
Decimal	1845768
CIELab	15.00, -12.79, 18.40
CIELCh	15, 22.408, 124.792
Yxy	1.9086, 0.3557, 0.5060
Android (android.graphics.Color)	4280035848 (0xFF1C2A08)
YUV	33.9380, -12.7874, -5.2076
Hunter-Lab	13.8151, -6.8430, 7.4323

Details

The CIELCh color **15, 22.408, 124.792** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **5, 23.986, 306.411**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 22.458, 124.717**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **15, 24.358, 125.402**, and if you desaturate by 10%, it is **15, 20.434, 124.131**.

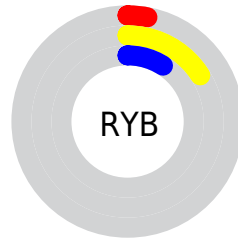
Distribution



Red (11%)

Green (16%)

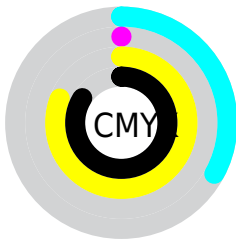
Blue (3%)



Red (3%)

Yellow (16%)

Blue (9%)

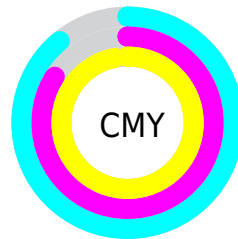


Cyan (33%)

Magenta (0%)

Yellow (81%)

Black (84%)



Cyan (89%)

Magenta (84%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 22.408, 124.792 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 15, 22.408, 124.792 by changing the saturation by 10% instead.

■ 15, 22.408,
124.792

■ 15, 22.408,
124.792

■ 100, 22.408,
124.792

■ 5, 22.408, 124.792

■ 35, 22.408,
124.792

■ 0, 22.408, 124.792

■ 45, 22.408,
124.792


■ 55, 22.408,
124.792


■ 65, 22.408,
124.792


■ 75, 22.408,
124.792


■ 85, 22.408,


124.792


 95, 22.408,
124.792


 15, 22.408,
124.792


 15, 22.408,
124.792


 15, 24.358,
125.402

 15, 20.434,
124.131

 15, 26.053,
125.868

 15, 18.128,
123.733

 16, 15.417,
123.831

 16, 12.491,
124.223

 16, 9.505, 124.632

■ 16, 6.486, 125.043

■ 17, 3.451, 125.449

■ 17, 0.414, 125.900

■ 17, 2.614, 306.184

Harmonies

Complementary

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



15, 22.408, 124.792



5, 23.986, 306.411

Rectangle

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



15, 22.408, 124.792



15, 22.408, 174.792



15, 22.408, 304.792



15, 22.408, 354.792

Sweetspot

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



15, 22.409, 124.793



22, 8.964, 124.879



9, 14.213, 51.728



10, 6.143, 125.477



64, 0.008, 296.813



10, 0.003, 296.813

Same Dimension

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



15, 22.409, 124.793



20, 32.357, 123.848



14, 25.969, 139.215



6, 1.360, 126.265



32, 46.788, 123.448



77, 92.139, 124.915

Inverse Universe

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



5, 23.986, 306.411



4, 36.707, 308.771



7, 26.671, 324.324



6, 1.358, 305.491



9, 56.233, 310.949



31, 110.612, 309.958

Previews

White Background



This preview shows how the CIE LCh color 15, 22.408, 124.792 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

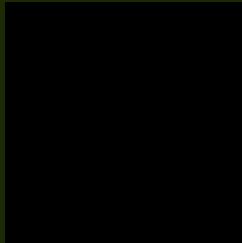
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

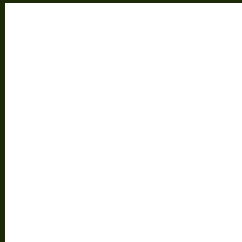
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 15, 22.408, 124.792

Background



This preview shows how black text looks on a background with the CIELCh color 15, 22.408, 124.792.



This preview shows how white text looks on a background with the CIELCh color 15, 22.408, 124.792.

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

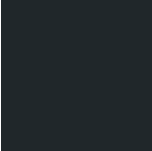
15, 22.408, 124.792

Protanopia

15, 19.202, 96.901

Deuteranopia

15, 17.425, 84.619



Tritanopia
15, 3.766, 233.220

Trichromacy



Original Color
15, 22.408, 124.792

Protanomaly
15, 19.564, 107.123

Deuteranomaly
15, 17.771, 102.035

Tritanomaly
15, 8.362, 140.619

Monochromacy



Original Color
15, 22.408, 124.792

Achromatopsia
13, 0.003, 296.813

Achromatomaly
14, 9.520, 123.543

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 22.408, 124.792 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(28, 42, 8)` looks like.

```
.text, #text, p{  
    color:rgb(28, 42, 8)  
}
```

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(28, 42, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 42, 8) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 22.408, 124.792 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(28, 42, 8) }
```

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

```
.border{ border-color:rgb(28, 42, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 42, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 42, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(28, 42, 8); box-shadow:4px  
4px 4px 4px rgb(28, 42, 8) }
```

Background

The CSS property to change the background color of an element to CIELCh 15, 22.408, 124.792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 42, 8) }
```

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

```
.background{ background-color: rgb(28, 42,  
8) }
```

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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