

Converting Colors

CIELCh(15, 20.376, 126.761)

Have a look what the booklet for
CIELCh(15, 20.376, 126.761)
contains.

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Color

CIELCh(15, 20.390, 126.744)

Conversions

Conversions Part 1

Format	Color
Hex	1C2A0D
RGB	28, 42, 13
RGB Percent	11%, 16%, 5%
CMY	0.8911, 0.8363, 0.9504
CMYK	0.33, 0.00, 0.70, 0.84
HSL	89°, 53%, 11%
HSV	89°, 70%, 16%
XYZ	1.3612, 1.9086, 0.6658
YIQ	34.5080, 0.9650, -11.9870

Conversions

Conversions Part 2

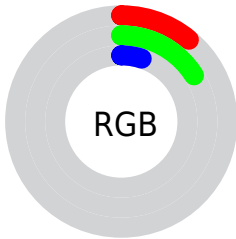
Format	Color
R_{YB}	13, 42, 27
Decimal	1845773
CIE _{Lab}	15.00, -12.20, 16.34
CIE _{LCh}	15, 20.390, 126.744
Yxy	1.9086, 0.3459, 0.4850
Android (android.graphics.Color)	4280035853 (0xFF1C2A0D)
YUV	34.5080, -10.6034, -5.7075
Hunter-Lab	13.8151, -6.5888, 6.8132

Details

The CIELCh color **15, 20.390, 126.744** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **6, 21.993, 310.325**, and the grayscale version is **13, 0.003, 296.813**.

A 20% lighter version of the original color is **35, 20.213, 126.962**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **15, 22.463, 127.443**, and if you desaturate by 10%, it is **15, 17.962, 126.358**.

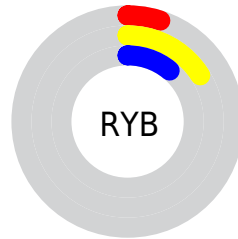
Distribution



Red (11%)

Green (16%)

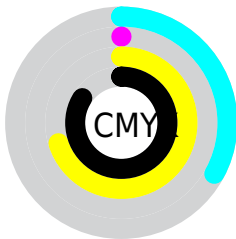
Blue (5%)



Red (5%)

Yellow (16%)

Blue (11%)

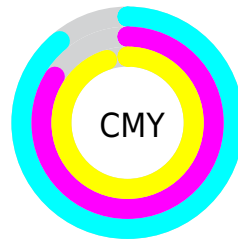


Cyan (33%)

Magenta (0%)

Yellow (70%)

Black (84%)



Cyan (89%)


Magenta (84%)


Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 15, 20.390, 126.744 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, 20.390, 126.744 by changing the saturation by 10% instead.

 15, 20.390,
126.744

 15, 20.390,
126.744

 100, 20.390,
126.744

 5, 20.390, 126.744


 35, 20.390,
126.744

 0, 20.390, 126.744

 45, 20.390,
126.744


 55, 20.390,
126.744


 65, 20.390,
126.744


 75, 20.390,
126.744


 85, 20.390,


126.744


 95, 20.390,
126.744


 15, 20.390,
126.744


 15, 20.390,
126.744


 15, 22.463,
127.443


 15, 17.962,
126.358


 15, 24.477,
128.098

 15, 15.144,
126.510

 14, 26.507,
128.650

 16, 12.156,
126.893

 14, 26.572,
128.667

 16, 9.115, 127.285

 16, 6.047, 127.674

 17, 2.970, 128.054

■ 17, 0.102, 308.024

■ 17, 3.159, 308.719

■ 18, 6.194, 309.036

Harmonies

Complementary

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



15, 20.390, 126.744



6, 21.993, 310.325

Rectangle

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



15, 20.390, 126.744



15, 20.390, 176.744



15, 20.390, 306.744



15, 20.390, 356.744

Sweetspot

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



15, 20.391, 126.745



22, 7.969, 127.575



11, 12.669, 62.864



10, 5.428, 127.861



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, 20.391, 126.745



20, 29.539, 126.031



14, 23.544, 140.207



6, 1.380, 128.775



32, 47.803, 126.037



76, 94.321, 127.535

Inverse Universe

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



6, 21.993, 310.325



7, 33.079, 311.622



8, 23.817, 326.253



6, 1.377, 307.993



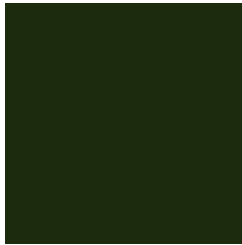
10, 55.458, 312.384



33, 108.985, 311.362

Previews

White Background



This preview shows how the CIE LCh color 15, 20.390, 126.744 looks on a white background.

Color Contrast Check

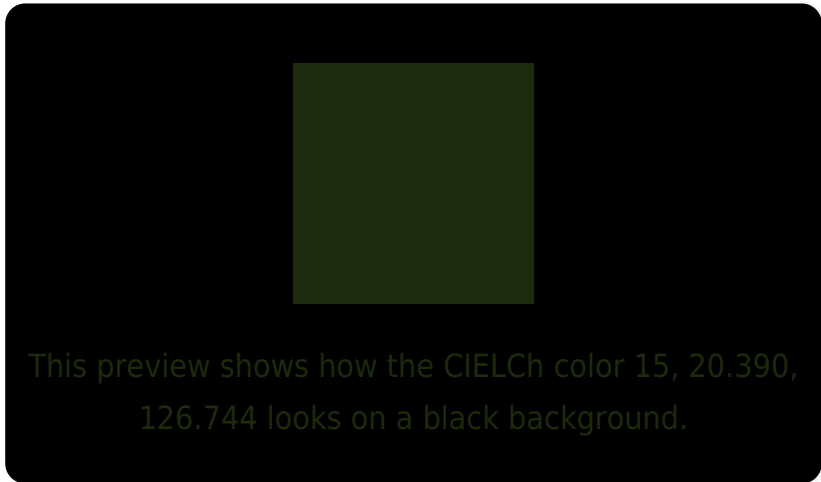
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.390, 126.744

Background



This preview shows how black text looks on a background with the CIELCh color 15, 20.390, 126.744.



This preview shows how white text looks on a background with the CIELCh color 15, 20.390, 126.744.

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

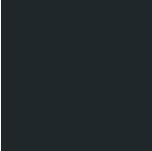
15, 20.390, 126.744

Protanopia

15, 17.058, 98.128

Deuteranopia

15, 15.630, 82.605



Tritanopia
15, 3.766, 233.220

Trichromacy



Original Color

15, 20.390, 126.744

Protanomaly

15, 17.530, 109.352

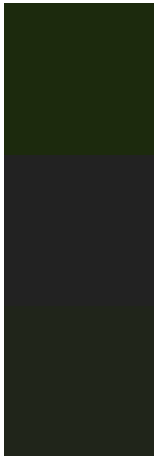
Deuteranomaly

15, 15.973, 101.899

Tritanomaly

15, 8.062, 145.970

Monochromacy



Original Color

15, 20.390, 126.744

Achromatopsia

13, 0.003, 296.813

Achromatomaly

14, 8.191, 126.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 15, 20.390, 126.744 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, 13)` looks like.

```
.text, #text, p{  
    color:rgb(28, 42, 13)  
}
```

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, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 42, 13) }
```

Border

The CSS property to change the border of an element to CIELCh 15, 20.390, 126.744 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, 13) }
```

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

```
.border{ border-color:rgb(28, 42, 13) }
```

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, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 42, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 42, 13);  
box-shadow:4px 4px 4px 4px rgb(28, 42, 13)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 15, 20.390, 126.744 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, 13) }
```

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

```
.background{ background-color: rgb(28, 42,  
13) }
```

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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