

Converting Colors

CIELCh(17, 24.553, 143.837)

Have a look what the booklet for
CIELCh(17, 24.553, 143.837)
contains.

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Color

CIELCh(17, 24.211, 143.664)

Conversions

Conversions Part 1

Format	Color
Hex	0F3014
RGB	15, 48, 20
RGB Percent	6%, 19%, 8%
CMY	0.9396, 0.8103, 0.9202
CMYK	0.68, 0.00, 0.58, 0.81
HSL	129°, 52%, 13%
HSV	129°, 68%, 19%
XYZ	1.4059, 2.3023, 1.0486
YIQ	34.9410, -10.6800, -15.7040

Conversions

Conversions Part 2

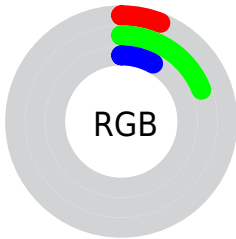
Format	Color
R_YB	15, 44, 48
Decimal	995348
CIE _{Lab}	17.00, -19.50, 14.35
CIE _{LCh}	17, 24.211, 143.664
Yxy	2.3023, 0.2956, 0.4840
Android (android.graphics.Color)	4279185428 (0xFF0F3014)
YUV	34.9410, -7.3659, -17.4883
Hunter-Lab	15.1734, -10.0141, 6.5241

Details

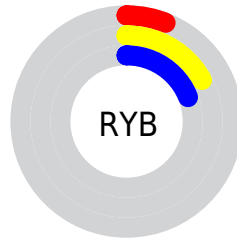
The CIELCh color **17, 24.211, 143.664** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **10, 23.960, 332.340**, and the grayscale version is **14, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 24.477, 143.627**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 27.192, 142.615**, and if you desaturate by 10%, it is **17, 20.953, 144.703**.

Distribution



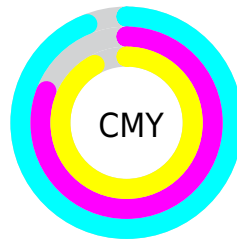
- Red (6%)
- Green (19%)
- Blue (8%)



- Red (6%)
- Yellow (17%)
- Blue (19%)



- Cyan (68%)
- Magenta (0%)
- Yellow (58%)
- Black (81%)



- Cyan (94%)
- Magenta (81%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 24.211, 143.664 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 17, 24.211, 143.664 by changing the saturation by 10% instead.

■ 17, 24.211,
143.664

■ 17, 24.211,
143.664

■ 100, 24.211,
143.664

■ 7, 24.211, 143.664

■ 37, 24.211,
143.664

■ 0, 24.211, 143.664

■ 47, 24.211,
143.664

■ 57, 24.211,
143.664

■ 67, 24.211,
143.664

■ 77, 24.211,
143.664


■ 87, 24.211,


143.664


 97, 24.211,
143.664

 17, 24.211,
143.664


 17, 24.211,
143.664


 17, 27.192,
142.615


 17, 20.953,
144.703


 17, 29.794,
142.065

 18, 17.512,
145.639

 16, 32.177,
142.109

 18, 13.944,
146.473

 16, 32.620,
142.141

 19, 10.302,
147.212

 19, 6.629, 147.866

■ 20, 2.961, 148.458

■ 20, 0.672, 328.760

■ 21, 4.250, 329.343

■ 21, 7.756, 329.748

Harmonies

Complementary

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



17, 24.211, 143.664



10, 23.960, 332.340

Rectangle

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



17, 24.211, 143.664



17, 24.211, 193.664



17, 24.211, 323.664



17, 24.211, 13.664

Sweetspot

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



17, 24.211, 143.664



26, 9.219, 147.678



19, 21.477, 111.312



12, 6.358, 147.639



66, 0.008, 296.813



13, 0.003, 296.813

Same Dimension

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



17, 24.211, 143.664



23, 35.244, 141.500



17, 16.233, 165.122



7, 1.785, 148.688



31, 51.002, 138.839



75, 101.346, 137.483

Inverse Universe

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



10, 23.960, 332.340



13, 34.062, 333.328



10, 18.343, 359.161



7, 1.775, 328.986



18, 47.245, 334.652



49, 90.020, 335.333

Previews

White Background



This preview shows how the CIELCh color 17, 24.211, 143.664 looks on a white background.

Color Contrast Check

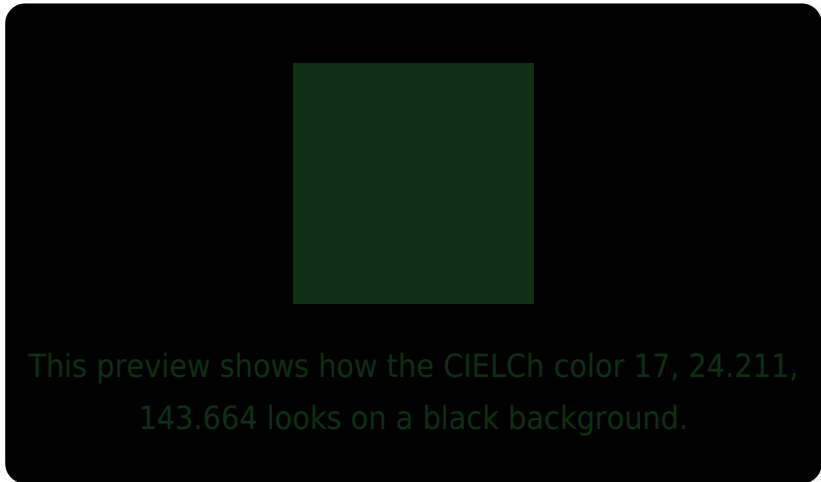
Large Text (above 18pt) WCAG AA ✓ Pass

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

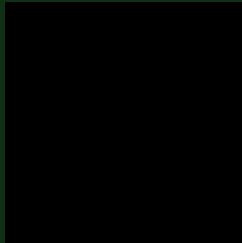
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 24.211, 143.664

Background



This preview shows how black text looks on a background with the CIELCh color 17, 24.211, 143.664.



This preview shows how white text looks on a background with the CIELCh color 17, 24.211, 143.664.

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

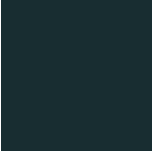
17, 24.211, 143.664

Protanopia

17, 16.462, 96.147

Deuteranopia

17, 13.303, 79.930



Tritanopia
17, 8.793, 216.423

Trichromacy



Original Color
17, 24.211, 143.664

Protanomaly
17, 17.344, 120.012

Deuteranomaly
16, 14.521, 116.951

Tritanomaly
17, 11.929, 172.721

Monochromacy



Original Color
17, 24.211, 143.664

Achromatopsia
14, 0.003, 296.813

Achromatomaly
15, 9.229, 147.717

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 24.211, 143.664 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(15, 48, 20)` looks like.

```
.text, #text, p{  
    color:rgb(15, 48, 20)  
}
```

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(15, 48, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 48, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 24.211, 143.664 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(15, 48, 20) }
```

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

```
.border{ border-color:rgb(15, 48, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 48, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 48, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 48, 20);  
box-shadow:4px 4px 4px 4px rgb(15, 48, 20)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 24.211, 143.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 48, 20) }
```

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

```
.background{ background-color: rgb(15, 48,  
20) }
```

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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