

Converting Colors

CIELCh(17, 24.842, 132.276)

Have a look what the booklet for
CIELCh(17, 24.842, 132.276)
contains.

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Color

CIELCh(17, 24.246, 132.173)

Conversions

Conversions Part 1

Format	Color
Hex	192F0E
RGB	25, 47, 14
RGB Percent	10%, 18%, 5%
CMY	0.9008, 0.8144, 0.9437
CMYK	0.47, 0.00, 0.70, 0.81
HSL	100°, 53%, 12%
HSV	100°, 70%, 19%
XYZ	1.5197, 2.3023, 0.7929
YIQ	36.6600, -2.5190, -14.9270

Conversions

Conversions Part 2

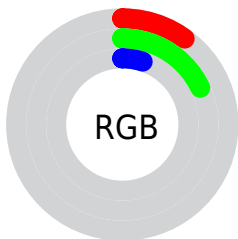
Format	Color
RYB	14, 47, 36
Decimal	1650446
CIELab	17.00, -16.28, 17.97
CIELCh	17, 24.246, 132.173
Yxy	2.3023, 0.3293, 0.4989
Android (android.graphics.Color)	4279840526 (0xFF192F0E)
YUV	36.6600, -11.1714, -10.2258
Hunter-Lab	15.1734, -8.6757, 7.5232

Details

The CIELCh color **17, 24.246, 132.173** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **8, 25.531, 317.056**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 24.174, 132.082**, and **0, 0.000, 0.000** is the 20% darker color. If you saturate the color by 10%, you get **17, 26.863, 132.553**, and if you desaturate by 10%, it is **17, 21.134, 132.308**.

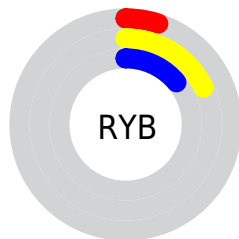
Distribution



Red (10%)

Green (18%)

Blue (5%)



Red (5%)

Yellow (18%)

Blue (14%)

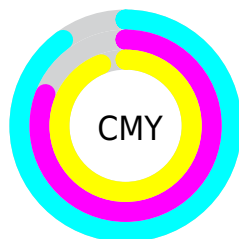


Cyan (47%)

Magenta (0%)

Yellow (70%)

Black (81%)



Cyan (90%)


Magenta (81%)


Yellow (94%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 24.246, 132.173 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, 24.246, 132.173 by changing the saturation by 10% instead.

 17, 24.246,
132.173


 17, 24.246,
132.173


 100, 24.246,
132.173


 7, 24.246, 132.173


 37, 24.246,
132.173

 0, 24.246, 132.173

 47, 24.246,
132.173


 57, 24.246,
132.173


 67, 24.246,
132.173


 77, 24.246,
132.173


 87, 24.246,

132.173


 97, 24.246,
132.173


 17, 24.246,
132.173


 17, 24.246,
132.173


 17, 26.863,
132.553


 17, 21.134,
132.308


 17, 29.267,
132.977

 18, 17.733,
132.738

 16, 31.654,
133.233

 18, 14.223,
133.178

 16, 31.739,
133.239

 18, 10.652,
133.608

 19, 7.053, 134.017

■ 19, 3.452, 134.404

■ 20, 0.131, 314.250

■ 20, 3.680, 315.027

■ 21, 7.185, 315.317

Harmonies

Complementary

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



17, 24.246, 132.173



8, 25.531, 317.056

Rectangle

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



17, 24.246, 132.173



17, 24.246, 182.173



17, 24.246, 312.173



17, 24.246, 2.173

Sweetspot

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



17, 24.246, 132.174



25, 9.365, 133.917



15, 16.135, 83.273



11, 6.188, 133.914



65, 0.008, 296.813



12, 0.003, 296.813

Same Dimension

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



17, 24.246, 132.174



22, 34.965, 131.534



17, 23.949, 144.048



7, 1.792, 135.059



32, 51.523, 131.434



76, 100.564, 132.666

Inverse Universe

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



8, 25.531, 317.056



10, 36.932, 317.299



10, 23.690, 333.055



7, 1.786, 314.376



13, 54.643, 317.135



39, 105.686, 316.281

Previews

White Background



This preview shows how the CIELCh color 17, 24.246, 132.173 looks on a white background.

Color Contrast Check

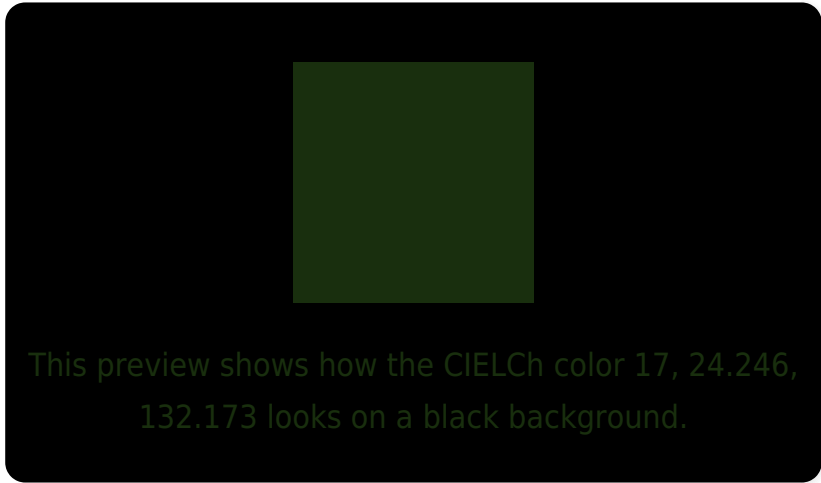
Large Text (above 18pt) WCAG AA ✓ Pass

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

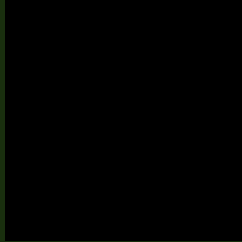
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 24.246, 132.173

Background



This preview shows how black text looks on a background with the CIELCh color 17, 24.246, 132.173.



This preview shows how white text looks on a background with the CIELCh color 17, 24.246, 132.173.

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, 24.246, 132.173

Protanopia

17, 19.135, 96.835

Deuteranopia

17, 17.145, 82.723



Tritanopia
17, 6.135, 225.541

Trichromacy



Original Color
17, 24.246, 132.173

Protanomaly
17, 20.244, 112.905

Deuteranomaly
17, 17.942, 107.250

Tritanomaly
17, 9.832, 157.874

Monochromacy



Original Color
17, 24.246, 132.173

Achromatopsia
15, 0.003, 296.813

Achromatomaly
15, 9.308, 133.617

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 24.246, 132.173 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(25, 47, 14)` looks like.

```
.text, #text, p{  
    color:rgb(25, 47, 14)  
}
```

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(25, 47, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 47, 14) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 24.246, 132.173 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(25, 47, 14) }
```

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

```
.border{ border-color:rgb(25, 47, 14) }
```

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

Here you see how a box with a 4 pixel rgb(25, 47, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 47, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 47, 14);  
box-shadow:4px 4px 4px 4px rgb(25, 47, 14)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 24.246, 132.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 47, 14) }
```

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

```
.background{ background-color: rgb(25, 47,  
14) }
```

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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