

Converting Colors

CIELCh(17, 14.670, 250.873)

Have a look what the booklet for
CIELCh(17, 14.670, 250.873)
contains.

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Color

CIELCh(17, 14.465, 248.996)

Conversions

Conversions Part 1

Format	Color
Hex	0E2D3D
RGB	14, 45, 61
RGB Percent	5%, 18%, 24%
CMY	0.9453, 0.8237, 0.7610
CMYK	0.77, 0.26, 0.00, 0.76
HSL	200°, 63%, 15%
HSV	200°, 77%, 24%
XYZ	1.9576, 2.3023, 4.7489
YIQ	37.5550, -23.6120, -1.5960

Conversions

Conversions Part 2

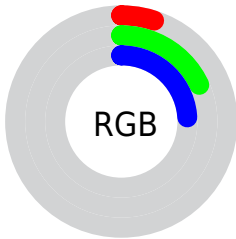
Format	Color
R _Y B	14, 33, 61
Decimal	929085
CIE Lab	17.00, -5.18, -13.50
CIE LCh	17, 14.465, 248.996
Yxy	2.3023, 0.2173, 0.2556
Android (android.graphics.Color)	4279119165 (0xFF0E2D3D)
YUV	37.5550, 11.5584, -20.6577
Hunter-Lab	15.1734, -3.5241, -7.9350

Details

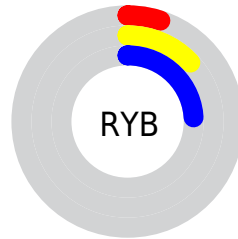
The CIELCh color **17, 14.465, 248.996** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **15, 21.505, 51.329**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 14.130, 246.923**, and **1, 7.635, 288.097** is the 20% darker color. If you saturate the color by 10%, you get **16, 15.783, 252.160**, and if you desaturate by 10%, it is **18, 13.021, 246.247**.

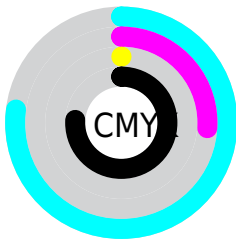
Distribution



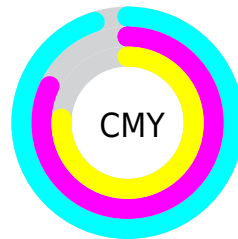
- Red (5%)
- Green (18%)
- Blue (24%)



- Red (5%)
- Yellow (13%)
- Blue (24%)



- Cyan (77%)
- Magenta (26%)
- Yellow (0%)
- Black (76%)



- Cyan (95%)
- Magenta (82%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 14.465, 248.996 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, 14.465, 248.996 by changing the saturation by 10% instead.

■ 17, 14.465,
248.996

■ 17, 14.465,
248.996

■ 100, 14.465,
248.996

■ 7, 14.465, 248.996

■ 37, 14.465,
248.996

■ 0, 14.465, 248.996

■ 47, 14.465,
248.996


■ 57, 14.465,
248.996


■ 67, 14.465,
248.996


■ 77, 14.465,
248.996


■ 87, 14.465,


248.996


 97, 14.465,
248.996


 17, 14.465,
248.996


 17, 14.465,
248.996

 16, 15.783,
252.160

 18, 13.021,
246.247

 15, 17.147,
254.966

 19, 11.431,
243.941

 15, 17.555,
255.674

 20, 9.696, 242.022

 21, 7.829, 240.436

 22, 5.844, 239.129

 24, 3.759, 238.061

■ 25, 1.590, 237.236

■ 26, 0.646, 56.035

■ 27, 2.935, 55.666

Harmonies

Complementary

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



17, 14.465, 248.996



15, 21.505, 51.329

Rectangle

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



17, 14.465, 248.996



17, 14.465, 298.996



17, 14.465, 68.996



17, 14.465, 118.996

Sweetspot

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



17, 14.465, 248.996



30, 6.192, 238.774



22, 28.268, 148.323



14, 4.311, 238.954



69, 0.009, 296.813



16, 0.003, 296.813

Same Dimension

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



17, 14.465, 248.996



21, 20.206, 255.795



9, 28.974, 294.825



11, 1.240, 237.324



25, 24.403, 259.532



58, 47.587, 263.921

Inverse Universe

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



13, 27.948, 342.107



16, 37.727, 344.748



22, 25.082, 94.594



10, 2.152, 336.432



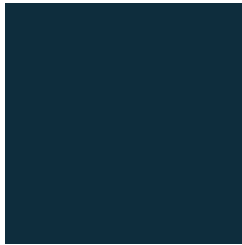
19, 44.085, 346.290



49, 80.906, 348.284

Previews

White Background



This preview shows how the CIELCh color 17, 14.465, 248.996 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



This preview shows how the CIE LCh color 17, 14.465, 248.996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

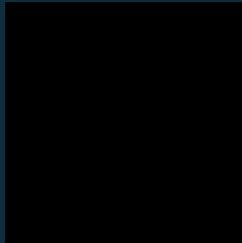
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

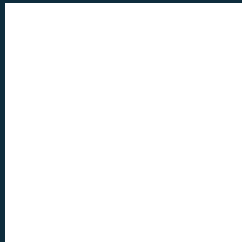
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 17, 14.465, 248.996

Background



This preview shows how black text looks on a background with the CIELCh color 17, 14.465, 248.996.



This preview shows how white text looks on a background with the CIELCh color 17, 14.465, 248.996.

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, 14.465, 248.996

Protanopia

17, 11.898, 285.375

Deuteranopia

17, 14.098, 281.121



Tritanopia
17, 14.784, 207.635

Trichromacy



Original Color
17, 14.465, 248.996

Protanomaly
17, 12.607, 270.177

Deuteranomaly
17, 14.134, 269.223

Tritanomaly
17, 13.863, 224.402

Monochromacy



Original Color
17, 14.465, 248.996

Achromatopsia
15, 0.003, 296.813

Achromatomaly
16, 6.122, 233.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 14.465, 248.996 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(14, 45, 61)` looks like.

```
.text, #text, p{  
    color:rgb(14, 45, 61)  
}
```

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(14, 45, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 45, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 14.465, 248.996 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(14, 45, 61) }
```

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

```
.border{ border-color:rgb(14, 45, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 45, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 45, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 45, 61);  
box-shadow:4px 4px 4px 4px rgb(14, 45, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 14.465, 248.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 45, 61) }
```

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

```
.background{ background-color: rgb(14, 45,  
61) }
```

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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