

Converting Colors

CIELCh(17, 14.120, 255.788)

Have a look what the booklet for
CIELCh(17, 14.120, 255.788)
contains.

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Color

CIELCh(17, 14.130, 256.041)

Conversions

Conversions Part 1

Format	Color
Hex	132C3D
RGB	19, 44, 61
RGB Percent	7%, 17%, 24%
CMY	0.9243, 0.8264, 0.7597
CMYK	0.68, 0.28, 0.00, 0.76
HSL	204°, 52%, 16%
HSV	204°, 68%, 24%
XYZ	2.0347, 2.3023, 4.7913
YIQ	38.4630, -20.3570, -0.0130

Conversions

Conversions Part 2

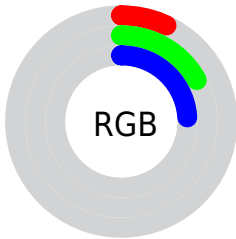
Format	Color
RYB	19, 35, 61
Decimal	1256509
CIELab	17.00, -3.41, -13.71
CIElCh	17, 14.130, 256.041
Yxy	2.3023, 0.2229, 0.2522
Android (android.graphics.Color)	4279446589 (0xFF132C3D)
YUV	38.4630, 11.1107, -17.0691
Hunter-Lab	15.1734, -2.6171, -8.1006

Details

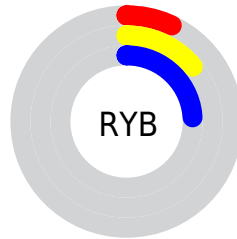
The CIELCh color **17, 14.130, 256.041** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **17, 18.875, 58.741**, and the grayscale version is **15, 0.003, 296.813**.

A 20% lighter version of the original color is **37, 14.068, 255.998**, and **1, 7.635, 288.097** is the 20% darker color. If you saturate the color by 10%, you get **16, 15.836, 259.068**, and if you desaturate by 10%, it is **18, 12.326, 253.446**.

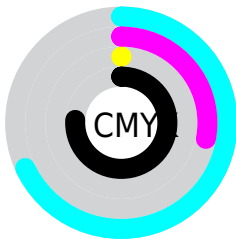
Distribution



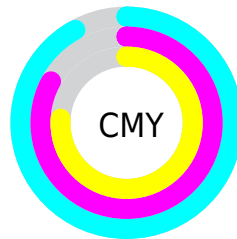
- Red (7%)
- Green (17%)
- Blue (24%)



- Red (7%)
- Yellow (14%)
- Blue (24%)



- Cyan (68%)
- Magenta (28%)
- Yellow (0%)
- Black (76%)



- Cyan (92%)
- Magenta (83%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 14.130, 256.041 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, 14.130, 256.041 by changing the saturation by 10% instead.

■ 17, 14.130,
256.041

■ 17, 14.130,
256.041

■ 100, 14.130,
256.041

■ 7, 14.130, 256.041

■ 37, 14.130,
256.041

■ 0, 14.130, 256.041

■ 47, 14.130,
256.041


■ 57, 14.130,
256.041


■ 67, 14.130,
256.041


■ 77, 14.130,
256.041


■ 87, 14.130,


256.041


 97, 14.130,
256.041


 17, 14.130,
256.041


 17, 14.130,
256.041

 16, 15.836,
259.068


 18, 12.326,
253.446

 15, 17.480,
262.411

 19, 10.421,
251.245

 14, 19.204,
265.256

 21, 8.419, 249.388

 13, 19.471,
265.634

 22, 6.330, 247.826

 23, 4.164, 246.519

 25, 1.936, 245.454

■ 26, 0.342, 63.849

■ 27, 2.659, 63.528

■ 29, 5.004, 62.869

Harmonies

Complementary

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



17, 14.130, 256.041



17, 18.875, 58.741

Rectangle

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



17, 14.130, 256.041



17, 14.130, 306.041



17, 14.130, 76.041



17, 14.130, 126.041

Sweetspot

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



17, 14.130, 256.041



30, 5.819, 246.939



22, 24.291, 152.248



14, 3.970, 247.060



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, 14.130, 256.041



21, 20.132, 261.484



10, 27.715, 295.804



11, 1.263, 245.448



22, 27.337, 269.445



54, 54.144, 273.733

Inverse Universe

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



14, 24.708, 344.763



17, 34.209, 347.192



24, 23.969, 99.499



10, 2.055, 339.383



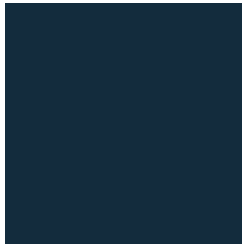
19, 42.628, 351.170



48, 78.321, 353.781

Previews

White Background



This preview shows how the CIELCh color 17, 14.130, 256.041 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 CIELCh color 17, 14.130, 256.041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

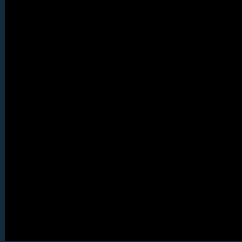
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 17, 14.130, 256.041

Background



This preview shows how black text looks on a background with the CIELCh color 17, 14.130, 256.041.



This preview shows how white text looks on a background with the CIELCh color 17, 14.130, 256.041.

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, 14.130, 256.041

Protanopia

17, 12.581, 286.037

Deuteranopia

17, 14.165, 279.705



Tritanopia
17, 12.229, 210.430

Trichromacy



Original Color
17, 14.130, 256.041

Protanomaly
17, 13.027, 274.563

Deuteranomaly
17, 14.025, 270.428

Tritanomaly
17, 11.948, 229.634

Monochromacy



Original Color
17, 14.130, 256.041

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 5.638, 247.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 14.130, 256.041 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(19, 44, 61)` looks like.

```
.text, #text, p{  
    color:rgb(19, 44, 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(19, 44, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 44, 61) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 14.130, 256.041 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(19, 44, 61) }
```

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

```
.border{ border-color:rgb(19, 44, 61) }
```

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

Here you see how a box with a 4 pixel rgb(19, 44, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 44, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 44, 61);  
box-shadow:4px 4px 4px 4px rgb(19, 44, 61)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 14.130, 256.041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 44, 61) }
```

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

```
.background{ background-color: rgb(19, 44,  
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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