

Converting Colors

CIELCh(17, 13.936, 267.975)

Have a look what the booklet for
CIELCh(17, 13.936, 267.975)
contains.

CIELCh(17, 14.134, 269.223)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(17, 14.134, 269.223)

Conversions

Conversions Part 1

Format	Color
Hex	1B2B3E
RGB	27, 43, 62
RGB Percent	11%, 17%, 24%
CMY	0.8944, 0.8316, 0.7571
CMYK	0.57, 0.31, 0.00, 0.76
HSL	213°, 39%, 17%
HSV	213°, 57%, 24%
XYZ	2.1795, 2.3023, 4.8773
YIQ	40.3820, -15.6350, 2.5170

Conversions

Conversions Part 2

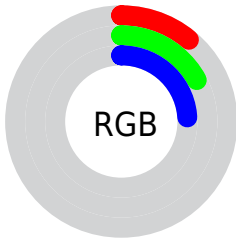
Format	Color
R_{YB}	27, 38, 62
Decimal	1780542
CIE _{Lab}	17.00, -0.19, -14.13
CIE _{LCh}	17, 14.134, 269.223
Yxy	2.3023, 0.2329, 0.2460
Android (android.graphics.Color)	4279970622 (0xFF1B2B3E)
YUV	40.3820, 10.6577, -11.7360
Hunter-Lab	15.1734, -0.9144, -8.4367




Details

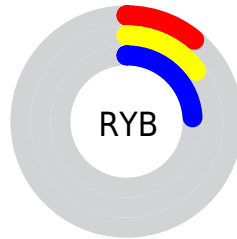
The CIELCh color **17, 14.134, 269.223** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20, 15.668, 73.458**, and the grayscale version is **16, 0.003, 296.813**.




A 20% lighter version of the original color is **37, 14.459, 270.059**, and **1, 8.250, 288.252** is the 20% darker color. If you saturate the color by 10%, you get **15, 16.591, 271.798**, and if you desaturate by 10%, it is **19, 11.665, 266.980**.

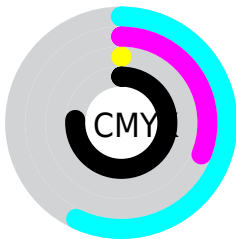
Distribution







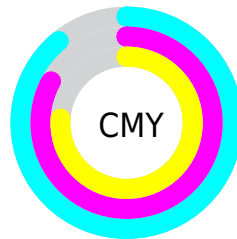
-  Red (11%)
-  Green (17%)
-  Blue (24%)






-  Red (11%)
-  Yellow (15%)
-  Blue (24%)



-  Cyan (57%)
-  Magenta (31%)
-  Yellow (0%)
-  Black (76%)



-  Cyan (89%)
-  Magenta (83%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 17, 14.134, 269.223 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, 14.134, 269.223 by changing the saturation by 10% instead.

■ 17, 14.134,
269.223

■ 17, 14.134,
269.223

■ 100, 14.134,
269.223

■ 7, 14.134, 269.223

■ 37, 14.134,
269.223

■ 0, 14.134, 269.223

■ 47, 14.134,
269.223

■ 57, 14.134,
269.223


■ 67, 14.134,
269.223


■ 77, 14.134,
269.223


■ 87, 14.134,


269.223


 97, 14.134,
269.223

 17, 14.134,
269.223


 17, 14.134,
269.223

 15, 16.591,
271.798


 19, 11.665,
266.980

 14, 19.046,
274.721


 20, 9.180, 265.039

 12, 21.521,
277.946

 22, 6.679, 263.365

 11, 24.097,
280.769

 23, 4.167, 261.925

 11, 25.024,
281.623

 27, 0.877, 79.367

■ 28, 3.397, 78.532

■ 30, 5.910, 77.707

■ 32, 8.411, 76.969

Harmonies

Complementary

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



17, 14.134, 269.223



20, 15.668, 73.458

Rectangle

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



17, 14.134, 269.223



17, 14.134, 319.223



17, 14.134, 89.223



17, 14.134, 139.223

Sweetspot

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



17, 14.134, 269.223



31, 5.397, 262.097



23, 18.422, 160.261



14, 3.548, 262.160



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, 14.134, 269.223



21, 21.320, 273.115



12, 25.333, 298.145



11, 1.389, 260.925



18, 35.484, 284.883



45, 71.599, 288.530

Inverse Universe

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



15, 19.582, 351.583



19, 28.877, 353.922



25, 22.134, 107.087



10, 1.870, 346.584



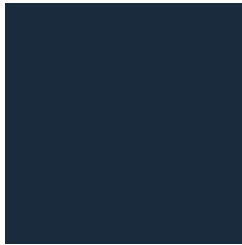
18, 40.899, 2.797



48, 75.993, 6.734

Previews

White Background



This preview shows how the CIE LCh color 17, 14.134, 269.223 looks on a white background.

Color Contrast Check

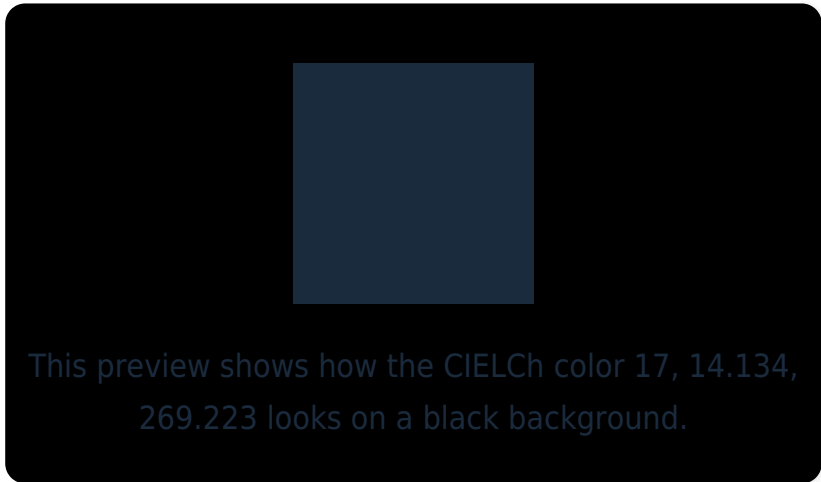
Large Text (above 18pt) WCAG AA ✓ Pass

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

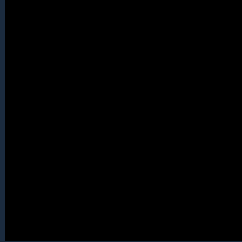
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

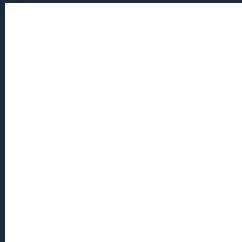
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 17, 14.134, 269.223

Background



This preview shows how black text looks on a background with the CIELCh color 17, 14.134, 269.223.

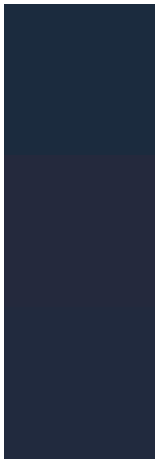


This preview shows how white text looks on a background with the CIELCh color 17, 14.134, 269.223.

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

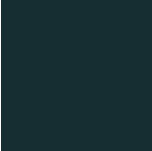
17, 14.134, 269.223

Protanopia

17, 13.986, 285.666

Deuteranopia

17, 14.165, 279.705



Tritanopia
17, 9.405, 215.065

Trichromacy



Original Color
17, 14.134, 269.223

Protanomaly
17, 13.505, 278.698

Deuteranomaly
17, 14.318, 276.985

Tritanomaly
17, 10.089, 242.338

Monochromacy



Original Color
17, 14.134, 269.223

Achromatopsia
16, 0.003, 296.813

Achromatomaly
16, 5.484, 262.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 17, 14.134, 269.223 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(27, 43, 62)` looks like.

```
.text, #text, p{  
    color:rgb(27, 43, 62)  
}
```

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(27, 43, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 43, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 17, 14.134, 269.223 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(27, 43, 62) }
```

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

```
.border{ border-color:rgb(27, 43, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 43, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 43, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 43, 62);  
box-shadow:4px 4px 4px 4px rgb(27, 43, 62)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 17, 14.134, 269.223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 43, 62) }
```

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

```
.background{ background-color: rgb(27, 43,  
62) }
```

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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